

Illuminating the future

POCKET GUIDE 8TH EDITION

EDGE-LIT PANEL

CYLINDER & MINI CYLINDER

RECESSED

MULTIPLE LIGHTING SYSTEM

GLASS & PENDANTS

NORA RAIL

TRACK & MINI TRACK

SPECIALTY

TRANSFORMERS

EXIT & EMERGENCY



Large enough to do it right, small enough to care.

At Nora Lighting, our clients are at the heart of everything we do. We take their goals seriously, and see their success as our own.

Since 1989, our commitment to our clients, and our desire to strive for excellence have been the base of Nora's corporate culture. We support and champion the technological development of luminaires that meet or exceed the highest international standards of design, craftsmanship, quality, performance, and energy efficiency. We strive to exceed our customer's expectations with products utilizing the latest in lighting technology and exceptional customer service. We pursue these goals with ethical, sound and honest business practices.

Over the past 27 years, Nora Lighting has worked diligently to live up to these goals while offering a product line that continues to set benchmarks for innovation, quality, and performance. Our vast array of LED products presented in this LED product guide are a testament to this. Since the development of our first LED downlight in 2011, our team of engineers has continued to produce LED luminaires that achieve new milestones in energy efficiency, lighting quality, and design.

Our full line of LED and non-LED lighting solutions are a reflection of our commitment to our clients. Our extensive product lines, together with our dedicated sales and support teams continue to support the various needs of our valued customers. We hope you are able to find exactly what you are looking for with Nora Lighting, and when you do, the entire Nora family will be ready to meet your needs.





Table of Contents

Introduction	1	6" Shallow Horizontal CFL	100
Committed to Green	6	6" Vertical Single Lamp CFL	
Nora's Network	7	6" Vertical Dual Lamp CFL	
Services and Capabilities	8	6" Sloped Ceiling CFL	107
Lighting Applications	10	GU24 Base LED/CFL	108
LED Quality and Color	14	4" GU24 Base	
•		5" GU24 Base	
NSPEC Architectural Lighting	17	6" GU24 Base	110
RECESSED LIGHTING	19	HID	
		Architectural + Commercial	112
LED Edge-Lit Panels	19	4" Architectural HID 6" Architectural + Commercial	
LED/Incandescent Cylinder	22	8" Architectural + Commercial	
LED Mini Cylinder	24		
		Economy HID 6" Economy HID	119
LED Downlights		6 Economy Hib	119
Sapphire Series - Architectural	37	Low Voltage	
4" Sapphire LED	38	Architectural + Commercial	118
6" Sapphire LED		4" Q4 Series Architectural Squa	
8" Sapphire LED	42	Economy Low Voltage	116
Marquise Series - High Performance		2" Low Voltage Remote Trans.	
4" Marquise LED		3" (TRUE 3") Low Voltage	120
5" Marquise LED		4" Framing Projector Low Volta	ge123
6" Marquise LED Adjustable		4" Low Voltage	124
6" Marquise LED Slope	53	4" Shallow Low Voltage	124
Iolite Series	55	6" Low Voltage	128
1", 2" & 4" lolite LED	56		
LED Retrofit	CO	Line Voltage Incandescent	
Sapphire / Marquise / Iolite / Cobalt 6", 8" Sapphire LED	63 65	Architectural + Commercial	131
5", 6" Marguise LED		6" Architectural + Commercial.	
4" lolite LED		8" Architectural + Commercial.	133
4", 5", 6" Cobalt Series LED		Economy Line Voltage	134
4", 5", 6" Cobalt Adjustable LED.		3" (TRUE 3") Line Volt MR16 G	
4", 5"/6" Onyx LED		4" Line Voltage MR16 GU10	
Opal LED Surface / Recessed Housing		4" Line Voltage R/PAR	
Versa LED Compatible Low Volt	80	5" Line Voltage Medium Base. 6" Line Voltage Medium Base.	
versa LLD Companible Low void	00	6" Line Voltage Slope Ceiling .	
Compact Fluorescent + GU24		o Line voltage slope deliling .	140
Architectural + Commercial CFL	82	Square Recessed	149
4" Vertical Quad/Triple CFL	83	<u> </u>	
6" Vertical Quad/Triple CFL	85	Retrofit Kits	150
6" Horizontal Quad/Triple CFL	87	According	
8" Vertical Quad/Triple CFL		Accessories	454
8" Horizontal Quad/Triple CFL	92	Fire Rated Housing	
Economy CFL	94	Fire Rated Enclosure	
4" Vertical IC AT High Performance		Trim + Housing Accessories	
4" Vertical Non-IC CFL		IIIII + Housing Accessories	152
5" Vertical IC AT + Non-IC CFL	98		



Table of Contents

Step Lighting		Fluorescent Rail Fixtures	214
LED Step LightsCompact Fluorescent Step Lights	157	Specialty Fixtures	215
Incandescent Step Lights	157	Nora Rail Kits	216
MULTIPLE LIGHTING SYSTEM	159	Rail Pendants	218
Recessed Mount LED Dedicated. LED Compatible Line Voltage Metal Halide Low Voltage.	163	Components + Accessories Nora Rail System Components Nora QuickJack Components Nora Rail Accessories	226
Surface Mount		TRACK	229
Low Voltage	169	Revo Remote Control	23
GLASS & PENDANTS Glass Shades	171	LED Track Fixtures LED Dedicated	238
Pendant Assemblies Rail Mount	184	HID CMH Track Fixtures	244
Track Mount Mini Track Mount Monopoint Canopies Multi QuickJack Canopies QuickJack Pendant System	186 187 187	Fluorescent Track Fixtures Linear T5 High Output Compact Fluorescent CFL GU24	25
Complete Pendants	190	Low Voltage Track Fixtures MR16, MR11	
Compatibilities Chart	193	3-in-1 Combination Projector AR111	259
NORA RAIL	195	Line Voltage Track Fixtures	26
LED Rail Fixtures	197	Track Packs	268
Line Voltage Rail Fixtures GU10 MR16 , G9 Incandescent PAR		Track Mount Pendants Track Pendant Assemblies Track LED Pendant Assembly	
Low Voltage Rail Fixtures	206	Track Recessed Housing	27
QuickJack System		Track Current Limiter	272
HID Rail Fixtures	211	Track System + Accessories	273



Table of Contents

Linear Accent Lighting	282
Halogen Spot Lights	283
Mini Track Pendants	284
Mini Track + Accessories	285
SPECIALTY LIGHTING	287
LED Linear	
LED Lightbar	.289
LEDUR Under Cabinet	.292
LED Bravo + Bravo Plus	.293
LED Flex Light	294
LED Tape Light	
LED Channels for all Tape Lights.	.298
Standard Wet Label 12V-24V	
Standard Damp Label 24V	.299
Side Lit Damp Label 24V	.300
Hy-Brite 24V	.306
High Output 24V	.307
RGB Color Changing 12V-24V	.313
RGBW Color Changing 24V	.315
CCT Changing 4500K-2500K	.321
Fluorescent	
Ultra-Slim T5	.324
Mini Inch	.325
1-3/4"	.325
Puck Lights	326
LED Puck Lights	.326
Mini Low Voltage Puck Lights	.328
Mini Solutions Downlights	330
2" Low Voltage	.331
2" Adjustable Low Voltage	
Step Lighting	
LED Step Lights	.155
Compact Fluorescent Step Lights	.157
Incandescent Step Lights	.157

MINI TRACK LIGHTING 281

ED Drivers 12V-24V	337
Class II Transformers	337
Electronic Transformers	338
Magnetic Transformers	339
EVIT AND EMERGENCY	0.41
EXIT AND EMERGENCY	341
ED Exit Signs	342
ED Exit + Emergency	344
Emergency Lighting	346
Accessories	348
Emergency Downlights	349
Emergency Low Volt Downlight	349
Emergency Relay Kit	349
Self Contained EM Downlight	349
Emergency CFL Downlight	350
Emergency Integral Option	350

TRANSFORMERS & DRIVERS 335



Nora's Lighting is Committed to Green

REDUCING FOOTPRINT · DEVELOPING PRODUCTS

Protecting the environment is an important responsibility, and one that we take seriously in the products we build and in our daily operations.

Reducing Our Operational Footprint

At Nora Lighting, we are committed to reducing the environmental impact of our business operations. This



includes reducing our energy consumption, maintaining a comprehensive recycling program, limiting manufacturing waste, and ensuring sustainable paper procurement and use. In fact, Nora Lighting is currently implementing its "Go Paperless Campaign" which aims at virtually eliminating the use of paper at all of our facilities.

We believe that by focusing on the sustainability of our daily operations, we build a strong foundation for incorporating environmental principles in our products.

Developing products to help you go Green



Since 2011, Nora Lighting has focused on developing LED luminaires because they represent the standard in energy-efficient and eco-friendly lighting. In addition to the energy savings and long service life that brought LED luminaires to fame, LED's are also more environmentally friendly. They are free of toxic mercury, lead, and PCB's, and don't emit damaging UV rays and IR emissions.

With the rapid development of our LED product line, it is clear that a greener future has already become a reality. With products built to meet Title 24 and Energy Star requirements, Nora and NSpec LEDs can help you in achieving your green initiatives.

Nora's Network



Nationwide Distribution: Faster Shipping

Nora's nationwide network of distribution points allows us to fill orders faster than most manufacturers and ensures that our clients receive products and support in a timely manner.

From our 150,000 square-foot manufacturing/warehouse center in Southern California to 12 key distribution points across the country, Nora products can be sent out and delivered as soon as you need them. Orders for in-stock items that are received by 12 noon (PST) can be shipped within 24-48 hours.

Free Point-by-Point Lighting Design

Nora Lighting through its representatives now offers our customers free Photometric Point-by-Point Lighting layouts, based on a client's information and using AGI32. With this new service, Nora Lighting sales reps can assist in preparing a lighting design for a new project or verify that a design meets IESNA standards. Most layouts can be completed within a 24-hour time frame.

Streamlined Production: Quick Response Assembly

Nora has implemented new support systems and streamlined production and inventory management to provide better, faster fulfillment. The Integrated Assembly Center at Nora's Commerce headquarters is designed for quick response and flexibility. Whether it is a request for an emergency unit, a special configured LED package dimming ballast or custom reflector / trim combination, Nora manufacturing can complete the order and ship it to a distributor within one to five days.



Nora Lighting Services and Capabilities

World Class Customer Service

At Nora Lighting great customer service is our passion. All Nora accounts have a dedicated Customer Care representative who is well-acquainted with your projects and orders, and has current details at their fingertips. Our Customer Care specialists act as your in-house "project manager" and can supply all specification and product data, inventory reports, order status and shipping updates.

Assisting our Customer Service is our Quotations Department, a team of knowledgeable experts who understand the various requirements of commercial or residential projects and work to build a package that meets your lighting needs.



The Nora Network: Distribution Channel Partners

Nora Lighting is proud to be represented by a network of professional lighting supply, showroom and specification agencies across the U.S., Canada, Mexico, Central and South America. Our complete line of fixtures and accessories can be found nationwide at electrical wholesalers, lighting showrooms and select internet dealers.

Nora National Accounts: Customized Programs

Nora is committed to developing long-term relationships with National Accounts and we have expanded our sales programs to better serve large organizations with central purchasing offices. From quotation and order placement to shipping and confirmation, a National Account representative oversees every step and has status reports on hand. Our specialists are familiar with your inventory requirements and will replenish stock, based on your corporate needs. With Nora's sophisticated inventory control system, we can pre-allocate and hold inventory until it is time to release your shipment.

Nora Engineering:Bringing ideas to reality

Nora's team of designers engineers, mechanical engineers, and electrical engineers combine design and lighting knowledge, creating products that represent an excellent marriage of technology and aesthetics. To aid in their product development lifecycle, Nora engineers have the latest technology at their fingertips. Our 3D





Nora Technical Support

Nora's technical team is available to address any question from installation help to trouble shooting you may have regarding Nora and NSpec products. Our technical team can also help address questions regarding the new Title 24 requirements and how our products can meet them.

Easy-to-Navigate Website: www.noralighting.com

The Nora website is more user-friendly than ever and keeps important information at your fingertips. It quickly links to specific fixture lines and one-click product searches bring up related categories. All Nora literature, advertising, configurable specification data sheets, order forms and credit applications, along with company news and product updates, are easily viewed and printable.

Internet Business Site: www.Norainfo.com

Noralnfo houses information relating to current and past orders and can be accessed at any time via the Nora home page or at www.Noralnfo.com. Check in 24 hours a day for updates on order information that you need now.

FTP Site

The Nora FTP site houses on-demand Nora literature and files. Distributors can access our FTP site at anytime to retrieve marketing materials, detailed product files, and general product and company information.

Nora's Marketing Department:

Keeping You Up-to-Date

Nora's in-house Marketing Department gives the company an edge in providing our customers with current information on product updates, industry trends and developments that affect your business.





Lighting Applications

Memorable and inviting, practical and functional: Perfect illumination in any space



Retail Lighting

Lighting in retail stores plays a critical role in the shopping experience. With proper lighting, the perceived quality of products and materials is substantially improved. LED luminaires help create a pleasant in-store ambiance, giving customers a reason to stay and make purchases, and to return later on.

Nora and NSpec's high lumen LED track & rail heads provide exceptional accent and spot lighting, while our LED combination lights and Sapphire Series of LED downlights offer general illumination with style. Our LED selection offers excellent color rendition, long life, and energy efficiency, which are critical for retail applications.







Residential

Lighting is a subtle tool with the power to transform any home. While it serves a functional purpose, it also is used to create the mood and atmosphere in every room in the home. Given its importance, lighting is also a significant portion of a homeowners energy cost and maintenance time.

Nora and NSpec LED luminaires both reduce the cost and maintenance required to keep the home warm and well-lit. Whether you are illuminating artwork, decorative coves, kitchen counters, bathrooms, or bedrooms, our family of LED products can make any home shine.









Commercial Lighting

Proper lighting in commercial environments - from workplaces and conference rooms, to auditoriums and multipurpose rooms - helps to increase productivity and creating the proper ambiance.

Our wide array of LED lighting products can light every corner of your commercial space. Achieve general illumination with our LED Edge-Lit Panel and Recessed, highlight small spaces with our LED undercabinet solutions, create spot lighting with LED Rail and Track, and illuminate exit paths with our LED exit signs. Whatever the task is, Nora and NSpec LED's can be used to illuminate it.







Hospitality and Restaurant

Regardless of the space - restaurant, bar, hotel, theater, or casino - lighting is what brings warmth, excitement, and comfort, creating a welcoming and enjoyable environment for patrons.

Transition a space from casual to romantic with the Comfort Dim option on our Marquis and Sapphire recessed lights, and make your bar or entrance pop with Nora RGB tape light. Modernize your hotel room with our Cobalt Square, or adorn your lobby with Nora LED pendants. Whatever the application, our LED luminaires create a designer look in every space.

Heathcare and Educational

Light has an incredible effect on people — both biologically and emotionally. Used effectively in healthcare and educational facilities, it can enhance a student, patient, or physicians experience and play a key role in promoting well-being, focus, and learning. Lighting optimizes the healing and learning experience. This said, lighting is also a major expense for these institutions where budgets are extremely tight. This makes LED lighting an ideal source of light for healthcare and educational facilities.







LED Quality & Color

Understanding CRI (Color Rendering Index)







70 CRI

80 CRI

90 CRI

In general terms, CRI is a measure of how accurately an artificial light source displays colors. CRI is measured by comparing the appearance of a colored object under an artificial light source to its appearance under incandescent.

CRI is rated on a scale from 1-100. The higher the CRI, the better the artificial light source is at rendering colors accurately. CRI is independent of color temperature or Kelvin. An LED with a color temperature of 3000K can have a CRI of 80+ or 90+.

CRI has become a critical determinate in the quality of LED light output. CRI ratings of 80+ are generally considered good and are required for Energy Star certification. CRI ratings of 90+ are considered excellent and are a requirement of the new Title 24 2013 code.

In addition to Nora's LED tape and LED Lightbar the entire series of LED recessed downlights feature a 90+ CRI. Look for the Replace to identify all 90+ CRI products in this guide.

Lumen Maintenance

Lumen maintenance compares the amount of light produced from a luminaire when it is brand new to the amount of light output at a specific time in the future. For instance, if a 1000Lm LED is classified with a lumen maintenance of 70 (LM70), this means that after 30,000 hours of use, the lumen output of the LED is 70% of what it was when it was first used, meaning the lumen output for the luminaire is 700 lumens.

Lumen maintenance corresponds to the quality of an LED luminaire. Currently, LM80 is the performance standard for individual LEDs. Contact us directly for lumen maintenance data of our luminaires.

Get a Brighter White (TrueWhite™)



Powered by Cree TrueWhite™ Technology, Nora Sapphire and Marquise downlights deliver a near perfect combination of the industry's best LED light quality and energy efficacy

at a 90+ CRI. Cree TrueWhite™ Technology mixes the light from red and unsaturated yellow LEDs to create beautiful, pure, white light. This approach enables active color management to maintain tight color consistency and color rendering over the life of the product. Paired with Nora deep cone reflectors, the result is beautiful, low profile, white light with exceptional performance using a fraction of the energy of traditional light sources—an ideal solution for high efficacy white light needs.



LED Quality & Color

Color Temperature, Warm to Cool

Color temperature is measured in Kelvin and represents whether a light source appears warm (1800K to 2800K), neutral (3000K to 3500K), or cool (4000K and up). While the Kelvin rating does not relate to the quality of light, color temperature is closely related to the visual comfort of a given space.

Nora and NSpec LED luminaires offer several possibilities in terms of color temperature, ranging from 2700K to 5000K.

2700K Warm temperatures most closely resemble the standard incandescent lamp. The warm temperature enhances reds and oranges and is considered the most comfortable light. Warm light is very popular in general or dining areas. 2700K is most flattering to skin tones. As a reference, 2700K is a typical incandescent lamp at full brightness, while 1800K is a warm candle glow. See Nora Comfort Dim for the best of warm temperature dimming.

2700K is available on LED downlights, LED Tape and LED undercabinet.

3000K - 3500K Neutral temperatures cover the middle range of the Kelvin scale. 3000K is the most popular temperature choice in most general commercial areas and the first choice in residential applications, as warm temperatures make spaces more comfortable and people more relaxed. 3000K is comparable to the warmth of halogen sources while 3500K is a little cooler with greater enhancement of blues and greens. 3000K is available on LED downlights, LED Panels, LED Tape, LED undercabinet, LED Track & Rail, LED Pendants.

4000K - 5000K cool temperatures most closely approximate daylight and are known to illuminate objects with sharper definition. This light is ideal for offices and classrooms, where cooler temperatures make reading easier, and for jewelry stores, where the cool light helps bring out the shine in diamonds and gems.

4000K is available on LED downlights, LED Panels, LED Tape, LED undercabinet, LED Track & Rail.









NSpec

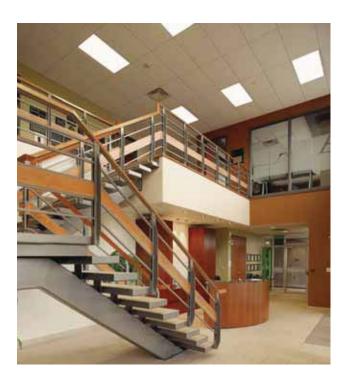
Architectural Lighting

A DIVISION OF NORA LIGHTING



NSpec, the newest division of Nora Lighting, is focused on the development of product that meets the criteria of the architectural, specification and design community. Nspec products feature material and components intended for use in commercial applications. Designed with optics using photometric data to achieve the most efficient use of the light source while meeting or exceeding industry standards. Nspec products are built and developed to provide optimal visual comfort and consistency in performance.

LED PANELS





LED EDGE-LIT PANELS

2X2, 2X4 and 1X4 · RECESSED, SURFACE or PENDANT MOUNT

NSpec Edge-Lit Panels feature an opalescent lens that produces a luminous glow without glare. The panels effectively illuminate an area with ambient upper light while also projecting foot candles to work surface. The LED Edge-Lit panels are energy efficient choices for offices, retail stores, conference rooms, libraries, and other areas where over all, even illumination is required.



DESIGN PERFORMANCE FEATURES:



DESIGNLIGHTS

- · Available in 2' x 2', 2' x 4' and 1' x 4' configurations
- NPD Diffused matte white opalescent lens
- Four CCT options: 3000K, 3500K, 4000K and 5000K
- · 2' x 2' 38W and 3000 Lumens
 - 2' x 4' 59W and 5000 Lumens
 - 1' x 4' 36W and 3300 Lumens
- · Replaces 2' x 2, 1' x 4' or 2' x 4' ceiling panel for easy installation
- · Aluminum finish frame
- · Mounting kits available for pendant, surface or recessed hard ceiling
- · Dimmable down to 5% with compatible 0-10V dimmer
- · L70 at 50,000 hours
- · 10-year limited warranty
- · cULus damp location listed; CEC and DLC listed



LED EDGE-LIT PANELS

2X2, 2X4, 1X4 · RECESSED, SURFACE or PENDANT MOUNT



FRAME	SIZE	TEMP	FINISH
NPD Panel, Diffused Lens	E22 2' x 2' CRI 84 Watts 38 Lumen 3300 Volt 120/277	/30 3000K /35 3500K /40 4000K /50 5000K	A Aluminum
	E24 2' x 4' CRI 84 Watts 59 Lumen 5000 Volt 120/277		
	E14 1' x 4' CRI 84 Watts 38 Lumen 3300 Volt 120/277		

LED EDGE-LIT PANELS ACCESSORIES



Surface Mounting Frame

NPD-14DFK/(A,W)	1X4
NPD-22DFK/(A,W)	2X2
NPD-24DFK/(A,W)	2X4

Surface mount (A=Aluminum, W=White) frame can be used with NPD-PK pendant kit. Note: J-box must be off center frame.



Recessed Mounting Kit

NPD-14RFK	1X4
NPD-22RFK	2X2
NPD-24RFK	2X4

T-Bar style with aluminum flange.



Shown with pendant mount kit, surface mount frame & 2x2 panel

NPD Universal Pendant Mounting Kit

NPD-PK

Includes canopy, cords and cables allows the LED panel to be suspended as a fixture. The brushed aluminum finished canopy has 6 hanging points, 4 are used for 2x2 and 6 are used for 2x4. The grip lock fasteners allow field adjustment of cables from 12" to 96". The canopy also includes an 8' power cord that can be shortened in the field. The Pendant Kit can be used with surface frame as shown above.





LED CYLINDER

Nora's versatile 6" Cylinder is available in

Three Performance Styles

High Performance LED · Economy LED · Medium Base

and Four Mounting Options!

Surface · Pendant Stem · Cable · Wall Mount





6" CYLINDER continued

HIGH PERFORMANCE LED · ECONOMY LED · MEDIUM BASE

Nspec 6" Cylinder is available in three performance styles: High Performance LED, Economy LED and Medium Base Incandescent / LED and four mounting options: Surface, Stem, Cable, or Wall. The deep set reflectors are available in a variety of finishes, producing up to 4000 lumens in 2700K, 3000K, 3500K, 4000K and Comfort Dim (2700-1800K) outputs. The Cylinder comes in black or white finish.



High Perform LED NYLS-6



Economy LED NYLD-6



Medium Base NYLI-6

CYLINDER HIGH PERFORMANCE LED (850-4000 LUMEN)

FAMILY	MOUNT	LUMEN	TRIM	TEMP	TRIM FINISH	FINISH
NYLS-6	C Cable P Stem Pendant S Surface W Wall	8 850 1 1250 2 2000 3 3000 4 4000	1 Reflector 8 Reflector for Deco Glass	27 2700K 30 3000K 35 3500K 40 4000K CD Comfort Dim (27-18K)	DB Diffused Clear / Black DW Diffused Clear / White HB Haze / Black HW Haze / White WW White / White	B Black W White VOLTAGE 1 120 2 277

Example: NYLS-6P1130WWW - 6" LED Cylinder, Pendant Stem Mount, 1250 Lms, Reflector, 3000K, White with White Flange, White Cylinder

CYLINDER ECONOMY LED (850-1000 LUMEN)

FAMILY	MOUNT	LUMEN	TRIM	TEMP	TRIM FINISH	FINISH
NYLD-6	C Cable P Stem Pendant S Surface W Wall	2 750 9 1000	1 Reflector 2 Baffle	27 2700K 30 3000K 40 4000K	DB Diffused Clear / Black DW Diffused Clear / White HW Haze / White WW White / White	B Black W White

Example: NYLD-6S2230WWW - 6" LED Cylinder, Surface Mount, 850 Lumens, Baffle, 3000K, White with White Flange, White Cylinder

CYLINDER MEDIUM BASED INCANDESCENT / LED

FAMILY	MOUNT	SOURCE	TRIM	TRIM FINISH	FINISH
NYLI-6	C Cable P Stem Pendant S Surface W Wall	I Incandescent (Max 300W PAR Lamp) L?? LED Specify Wattage Max	1 Reflector 2 Baffle	BB Black / Black BW Black / White HW Haze / White WW White / White	B Black W White

Example: NYLI-6CL201WWW - 6" Medium Base Cylinder, Cable Mount, Labeled for 20W Max LED R/BR/PAR Lamp Reflector, White with White Flange, White Cylinder

LED MINI CYLINDER

3 SIZES 2" (1000LM), 3" (1500LM) & 5" (2000LM)

Nora | Nspec introduces a new Dedicated LED Mini-Cylinder Pendant Series. The family consists of 3 sizes and several finishes. Using Cree COB technology the Mini Cylinders produce 90+ CRI with excellent cut-off for visual comfort. The 2" (1000L), 3" (1500L) and 5" (2000L) mini cylinders offer voltage and dimming options. Consult the factory or our web site for current specifications.



NYLM-5C Series L: 7-7/8" Dia: 5-1/2"



NYLM-3C Series L: 6-3/4"

Dia: 3-3/4"



L: 5-7/8" Dia: 2-3/8"



RECESSED

LED SAPPHIRE SERIES
4", 6", 8", RETROFIT

LED MARQUISE SERIES
4", 5", 6", RETROFIT

IOLITE SERIES 1", 2", 4", ADJUSTABLE, RETROFIT

LED COBALT SERIES
4", 5", 6", RETROFIT

LED ONYX SERIES 4", 5"/6", RETROFIT

LED OPAL SERIES SURFACE MOUNT, 5", 6" RETROFIT

COMPACT FLUORESCENT 6", 8" ARCHITECTURAL + COMMERCIAL 4", 5", 6" VERTICAL IC AND NON-IC 6" SHALLOW HORIZONTAL 4", 5", 6" GU24 IC AT

HID METAL HALIDE 4", 6", 8" ARCHITECTURAL + COMMERCIAL 6" STANDARD

LOW VOLTAGE
3", 4", 6" IC, AT, VERSA
4" SQUARE ARCHITECTURAL + COMMERCIAL
4" RECESSED FRAMING PROJECTOR

LINE VOLTAGE 6", 8" ARCHITECTURAL + COMMERCIAL 3", 4", 5", 6" STANDARD 3", 4" MR16 GU10 6" SLOPED CEILING 8" SQUARE

ACCESSORIES

REFLECTOR FINISHES

ARCHITECTURAL AND COMMERCIAL

Architectural and Commercial grade reflectors and trims are available in a variety of color options in specification grade, American-made ® finishes as well as our standard high-quality finishes. See individual reflector listings for available finishes for a particular trim.



B Specular Black Reflector



C Specular Clear Reflector



CLI Specular Clear Low Iridescent Reflector



D Specular Diffused Clear Reflector



G Specular Gold Reflector



W Specular White Reflector



B Specular Clear Reflector with Black Baffle



W Specular Clear Reflector with White Baffle

TRIM FLANGE OPTIONS

ARCHITECTURAL AND COMMERCIAL

See individual trim listings for available flange options for a particular trim.



SF Self Flange Flange same finish as Reflector



WF White Flange



Reflector with Ring



CC CUSTOM COMBINATIONS

Nora Lighting offers custom combinations of reflector/baffle and ring finishes on any 3", 4", 5" or 6" trim designated with the CC logo. Custom Combinations allow the specifier, designer, distributor or customer to select both the reflector or baffle finish and the ring finish to meet specific design criteria or personal preference.

Reflector and baffle finishes vary by trim and the selected finish must be available in the trim chosen. All finishes are not available in all trim series. Trim rings come in metal and plastic, standard and oversize widths. Metal ring finishes include Black, Bronze, Chrome, Copper,

STANDARD TRIM FINISHES

ECONOMY AND LIGHT COMMERCIAL

Nora Lighting's 3", 4", 5" and 6" reflectors and trims for incandescent, low voltage, compact fluorescent and ceramic metal halide sources feature high-quality finishes in a variety of color options. See individual trim listings for available finishes for a particular trim.



B Specular Black Refl.



BZ Bronze



C Specular Clear



CO Copper



D Specular Diffused Clear Reflector



G Specular Gold



HZ Haze



MPW Matte Powder White



N Natural Metal



W Specular White Refl.



White Metal Baffle



White Phenolic Baffle



Black Metal Baffle



Black Phenolic Baffle

See complete selection of trims rings page 148

Gold, Natural Metal and White. Plastic trim rings are available in Black, Chrome, Gold and White. Custom Combinations are modified at the factory to your exact needs. Example:



NTM-30 (Base Trim) 6" Black Baffle with White Metal Ring



NTM-30/NOR-30B 6" Black Baffle with 7/8" Black Plastic Ring



NTM-34/NMR-30N 6" Black Baffle with 5/8" Natural Metal Ring

NSpec and Nora proudly intoduce

The Most Complete Line of

LED Downlights

ARCHITECTURAL · COMMERCIAL · RESIDENTIAL · RETROFIT

NSPEC SAPPHIRE SERIES

Architectural and Commercial LED Downlights

A high efficiency commercial series available in 850 to 8000 lumen packages in 2700K, 3000K, 3500K, 4000K and Comfort Dim. The LED package features Cree TrueWhite® patented technology which adjusts LEDs to produce consistent light over the life of the product. Featuring deep cone reflectors in 4", 6" and 8" apertures in commercial, architectural, remodel and retrofit style frames.

NORA MARQUISE SERIES Light Commercial and High-End Residential

CHEE

CREEG

Utilizing the same Cree TrueWhite® LED and driver packages as the NSpec Sapphire Series, the Marquise Series feature LED packages for light commercial and high-end residential IC and Non-IC applications up to 2000 lumens in 2700K, 3500K, 4000K and Comfort Dim options. Featuring deep reflectors in seven finishes and in 4", 5" and 6" apertures, Marquise downlights are suitable in retrofit, new construction, and remodel applications.

NORA IOLITE SERIES

CREE®

1" Downlight, 2" & 4" Adjustable Modular LED Downlights

1"downlight, 2" and 4" adjustable modular LED downlights dedicated and retrofit LED adjustable downlights in square and round designs. The lolite modular system allows users to field change both the trim and beam pattern without using any tools. The lolite LED CREE COB module is 9W/14W and produces 600/800 lumens at 95CRI in various kelvin temperatures. The modules can be used with round and square trims and secure a field changable reflector for beam spread control. The lolite is available for dedicated IC new contruction and 4" remodel and retrofit applications.



NORA COBALT SERIES

CREEG

LED Retrofit, New Construction and Remodel

cULus listed for use in existing IC or Non-IC housings manufactured by Nora and others, the Cobalt Series 4", 5" & 6" provides **750 & 1000 Lumen output, drawing 12W & 16W and rendering 95CRI**. Nora's Cobalt LEDs intergrate the latest from the Cree® COB family of LED arrays, giving bright spectacular light output and low power consumption. An obvious and smart choice for Green Energy efficient lighting in commercial and residential applications.

NORA ONYX SERIES

LED Retrofit, New Construction and Remodel

Nora Lighting's new Onyx Series offers an economical quality solution to LED Retrofit Downlighting.

Deep-set optics produce visual comfort in 4" and 5"/6" apertures. The Onyx produces 90+ CRI for true vibrant color rendition. Baffle and reflector styles blend with popular trims and create an uniform ceiling appearance. The 4" 650 lumen/10 watt and 5/6"

750 lumen/12 watt units are unit is compatible with Nora's dedicated LED housings to meet energy rebate requirements, as well as Nora's medium base housings and housings by others.

NORA OPAL SERIES LED Surface or Recessed Mount

The Opal Series LED fixture is designed to surface mount over a standard J-Box or is suitable for use with a 5" or 6" recessed housing by Nora or others. The Opal produces even

illumination with no diode image, from bright to dim. The low profile unit is cULus wet listed and produces 800 lumens at 90+ CRI. Available in three finishes the Opal is an excellent energy efficient lighting solution for laundry rooms, closets, pantries, hallways and showers in residential and commercial retrofit or new construction applications.

NORA FIRE BOX SERIES

2-Hour Fire Rated Housing

Nora Lighting's new specification-grade, firerated, new construction recessed downlight was designed to meet strict fire safety codes in commercial, multi-family and residential applications. The cULus listed **double**

wall fixture incorporates a non-combustible

fiber insulation to prevent the passage of flames, toxic gases, and ignitable gasses into ceiling plenums and is **rated for a minimum of 2 hours protection**. In addition, the non-combustible fiber fill acts as sound-deadening material, eliminating the transfer of sound between floors, excellent for use in home theaters.



LED DOWNLIGHTS

Series	SAPPHIRE	MARQUISE	
Use	Architectural and Commercial	High-End Residential, Light Commercial	
Lumen	850 to 8000	850 to 2000	
CRI	90+	90+	
Kelvin	2700, 3000, 3500, 4000	2700, 3000, 3500, 4000	
Comfort Dim	Yes (850 to 3000 lm)	Yes (850 to 2000 lm)	
Cree LED Platform	Yes	Yes	
Cree TrueWhite® Technology	Yes	Yes	
Ceramic Platform	Yes	Yes	
Lumen per Watt	100/85	100/85	
Apertures	4", 6" and 8"	4", 5", and 6"	
Reflector Style	Dedicated Deep Cone & Wall Wash	Dedicated Deep Cone Adjustable, Slope	
Reflector Finishes	B, D, HZ, W	BW, BZ, CO,DW, HZW, NN, WW	
IC Rated	No	Yes	
Retrofit Available	Yes	Yes (850 Lumen)	
New Construction	Yes	Yes	
Remodel	Yes	Yes	
Fire Box Compatible	No	Yes	
Dimmable	Yes - Triac & 0-10V	Yes - Triac & 0-10V	
Available in 277V	Yes	Yes	
cULus Wet Listed	Yes	Yes	
Assembled in USA	Yes	Yes	
Limited Warranty	10 Year	5 Year	
Cost	\$\$\$	\$\$\$	

COMPARISON CHART

IOLITE	COBALT	ONYX	OPAL
Residential & Commercial	Residential, Light Commercial	Residential, Light Commercial	Residential, Light Commercial
680	750/1000	650/750	800
90+	95	90+	90+
2700, 3000, 4000	2700, 3000, 4000	2700, 3000, 4000	2700, 3000
No	No	No	No
Yes - Cree COB	Yes - Cree COB	Samsung	Array
No	No	No	No
Yes	Yes	No	N/A
60 - 70	60-70	60-70	60-70
1", 2" and 4"	4", 5" and 6"	4", 5"/6"	N/A
Adjustable Gimbal Regressed & Deep Regress (4 Beam Spreads)	Deep Cone, Wall Wash, Square, Adjustable	Deep Cone	N/A
BZ, HZW, NN, MPW, WW	BZ, DW, HZW, NN, WW	WW	BZ, NM, W
Yes	Yes	Yes	Yes
Yes (4" Only)	Yes	Yes	Yes
Yes	Yes	Yes	Yes
Yes	Yes	Yes	Yes
Yes	Yes	Yes	Fire rated J-Box
Yes - Triac & 0-10V	Yes - Triac & 0-10V	Yes - Triac	Yes - Triac
Yes	Yes	No	No
Yes	Yes	Yes	Yes
Consult	Consult	No	No
5 Year	5 Year	5 Year	5 Year
\$\$	\$	\$	\$

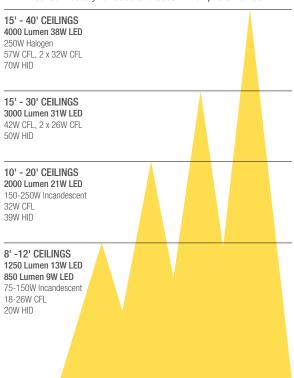
LEDs FOR ANY APPLICATION

Residential, restaurants and retail; shopping malls and showrooms; hospitals and hospitality, atriums and airports—no matter what your space, NSPEC and Nora Lighting LED downlights with Cree integrated driver and LED package can significantly reduce the Lighting Power Density (LPD) without compromising quality of light.

Specify NSPEC LED downlights with the lumen output you need to simplify your design process and achieve consistent, full-spectrum lighting for your space.

NSPEC Sapphire and Nora Marquise lighting equivalents

Consult factory for 6000 and 8000 lumen photometrics



Lighting consistency for all applications.

Nora and NSpec downlights, powered by Cree® modules, represent a family of high efficiency LED downlights that can beautifully light any area - 4 Families of consistent color - Sapphire, Marquise, lolite and Cobalt

With our downlights, you achieve a uniform look and uniform consistent lighting. Cree® LED modules provide consistent color and quality of light throughout a space, while Nora trims maintain identical cutoff points and finishes.



LED DIMMING: TWO CHOICES

Nora LED modules provide a choice of dimming options, while reducing the lighting power load by 80%. They're compatible with TRIAC, 0-10V and other widely used lighting control systems.

WHITE LIGHT DIMMING (STANDARD)

Consistent color across dimming range keeps colors natural

Unlike incandescent dimming, most LED dimming does not change in color as power decreases but remains close to the original kelvin temperature of the source. This is called White Light Dimming. White Light dimming is also found with fluorescent dimming, and has become accepted in most commercial, architectural and residential applications primarily because there were not other energy efficient solutions that would warm the light as it was dimmed.

COMFORT DIM (OPTIONAL)



Warm, rich light dimming creates an intimate atmosphere

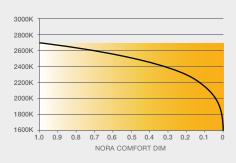
An innovation in energy efficient dimming, Comfort Dim presented by Nora and Cree™, warms the light as power is reduced. Comfort Dim color tunes the temperature from a bright 2700K to a romantic and comfortable 1800K on a gradual, even curve. Comfort Dim is available on the Nspec Sapphire Series and the Nora Marquise Series downlights making them perfect solutions for restaurants, cineplex, home theaters, multi-purpose event venues and other applications where the temperature and comfort of the light set the mood.

Comfort Dim is available on 4 different lumen levels:

850 and 1250 Lumens for lower ceiling heights in commercial and residential applications. (Sapphire and Marquise Series)

2000 Lumens for light commercial and residential high ceiling applications. (Sapphire and Marquise Series)

3000 Lumen for commercial applications (Sapphire Series)



FIRE BOX 2-HOUR FIRE RATED HOUSING

LED · INCANDESCENT · COMPACT FLUORESCENT

Nora Lighting's new specification-grade, fire-rated, new construction recessed downlight was designed to meet strict fire safety codes in commercial, multi-family and residential applications. The cULus listed double wall fixture incorporates a non-combustible fiber insulation to prevent the passage of flames, toxic gases, and ignitable gasses into ceiling plenums and is rated for a minimum of 2 hours protection. In addition, the non-combustible fiber fill acts as sound-deadening material, eliminating the transfer of sound between floors, excellent for use in home theaters.

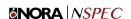


- · Air Tight and IC rated
- · Available in 4", 5" and 6" apertures
- · Uses standard Nora reflectors, trims and LED retrofits
- · Available for incandescent, CFL and LED sources; consult factory for GU24 socket housings
- · Quick connect provided
- · 24-1/2" Bar hangers with captive nails and alignment foot
- Accommodates 1-1/4" maximum ceiling thickness (Consult factory for increased ceiling thickness)
- · Fire tested
- Can be used in standard applications as a sound canceling housing between floors

LABELS AND LISTINGS

UL Classified Two Hour Fire Rating cULus Listed for Damp Location with Feed Through cULus Wet Listed (Only with designated trims) Meets or exceeds ASTM-283 Air-Tight Requirements

ANSI/UL 263 ANSI/UL 1598



FIRE BOX 2-HOUR FIRE RATED HOUSING

LED · INCANDESCENT · COMPACT FLUORESCENT

LED MARQUISE FIRE BOX (Require dedicated Marquise LED Reflectors)

High Performance LED downlights for light commercial and high-end residential applications utilize high- efficiency Cree® TrueWhite™ LED Integrated package. Offered in four Kelvin temperatures and Comfort Dim option that color tunes the light from 2700K to 1800K. Available in 4", 5", 6" and 6" adjustable apertures.

NFBIC-4L85AT	4" 850 Lumen LED Marquise 2-Hour Fire Rated IC/AT Housing
NFBIC-4L12AT	4" 1250 Lumen LED Marquise 2-Hour Fire Rated IC/AT Housing
NFBIC-5L85AT	5" 850 Lumen LED Marquise 2-Hour Fire Rated IC/AT Housing
NFBIC-6L85AT	6" 850 Lumen LED Marquise 2-Hour Fire Rated IC/AT Housing
NFBIC-6L12AT	6" 1250 Lumen LED Marquise 2-Hour Fire Rated IC/AT Housing
TRIM SPECIFIED S	EPARATELY SEE PAGES 47.49.51 & 52

LED COBALT II FIRE BOX (Require dedicated Cobalt LED Reflectors)

Economical LED downlights for commercial and residential applications. Available in 4", 5" and 6" apertures; 1000 Lumen units. 90+ CRI.

NFBIC-4LMRAT	4" LED Cobalt II 2-Hour Fire Rated IC/Non-IC Air-Tight Housing
NFBIC-5LMRAT	5" LED Cobalt II 2-Hour Fire Rated IC/Non-IC Air-Tight Housing
NFBIC-6LMRAT	6" LED Cobalt II 2-Hour Fire Rated IC/Non-IC Air-Tight Housing

TRIM SPECIFIED SEPARATELY SEE PAGES 47,49,51 & 52

INCANDESCENT FIRE BOX HOUSING

NFBIC-4INC	4" Line Voltage 2-Hour Fire Rated IC/Non-IC Air-Tight Housing 35W PAR20 Max. (Varies with trim)
NFBIC-5INC	5" Line Voltage 2-Hour Fire Rated IC/Non-IC Air-Tight Housing 75W PAR30 Max. (Varies with trim)
NFBIC-6INC	6" Line Voltage 2-Hour Fire Rated IC/Non-IC Air-Tight Housing 75W PAR30, 90W PAR38 Max. (Varies with trim)

NOTE: Can be factory labeled with reduced maximum wattage. Simply add a slash and the desired maximum wattage to end of model number. Example: NFBIC-5INC/50

TRIM SPECIFIED SEPARATELY SEE PAGES 47,49,51 & 52

COMPACT FLUORESCENT FIRE BOX HOUSING

NFBPIC-413ELAT	4" 13W Electronic, IC, Air-Tight CFL 2-Hour Fire Rated Housing
NFBPIC-418ELAT	4" 18W Electronic, IC, Air-Tight CFL 2-Hour Fire Rated Housing
NFBPIC-513ELAT	5" 13W Electronic, IC, Air-Tight CFL 2-Hour Fire Rated Housing
NFBPIC-518ELAT	5" 18W Electronic, IC, Air-Tight CFL 2-Hour Fire Rated Housing
NFBPIC-613ELAT	6" 13W Electronic, IC, Air-Tight CFL 2-Hour Fire Rated Housing
NFBPIC-618ELAT	6" 18W Electronic, IC, Air-Tight CFL 2-Hour Fire Rated Housing

NFBPIC-626ELAT 6" 26W Electronic, IC, Air-Tight CFL 2-Hour Fire Rated Housing

TRIM SPECIFIED SEPARATELY SEE PAGES 47,49,51 & 52







Sapphire ED Recessed

ARCHITECTURAL LED DOWNLIGHT

Sapphire Series also available in Retrofit see page 65



























The Sapphire Series of LED architectural downlights features one of the highest efficacy ratings in the industry. NSpec designed reflectors combined with the Cree[®] intergrated TrueWhite™ LED packages produce high CRI efficient light for commercial applications. The deep reflectors provide optimal visual comfort.

White Light Dimming (standard) features lumen packages from 850 to 8000 with smooth consistent dimming white light shift down to 5%.

Comfort Dimming Option features lumen packages from 850 to 3000 lumen with smooth gradual even line dimming from 2700K down to 1800K. Comfort Dimming is perfect for restaurants, theaters, multi-use rooms and high-end residential applications where warm color tuning is important to the ambiance of the occasion or function.

LED SAPPHIRE SERIES 4" FRAME-INS 850-2000 LUMEN

ARCHITECTURAL AND COMMERCIAL

Architectural grade LED High Lumen Downlights featuring deep cone reflectors. Dimmable with Cree® LEDs and Cree® LED drivers for reliable performance. Available with 850, 1250, and 2000 lumen in 2700K, 3000K, 3500K, 4000K and Comfort Dimming (2700K to 1800K) temperature and cULus listed. The Sapphire series is specifiable in 120V or 277V for commercial jobs of all sizes and offers dedicated EM housing back-ups for new construction and remodel applications.

FFATURES:

- Latest Cree® technology: integrated driver and ceramic LED package
- · Deep cone reflectors, wall wash or decorative glass
- 850, 1250, and 2000 Lumen
- · High color rendition CRI 90+
- · 97 Lumens per Watt and 70% efficacy
- · 2700K, 3000K, 3500K, 4000K and Comfort Dimming
- Dimmable
- · cULus listed for wet location



4" Architectural Downlight frame-in as shown: NAH-43020LE1



4" Commercial Downlight frame-in as shown: NCH-43020LE1



4" Remodel Downlight frame-in as shown: NCHR-43420LE1



A" SAPPHIRE HIGH LUMEN FRAME-IN

1 O/11 TIME THAN COMEN TOWNER IN					
FRAME TYPE	SERIES	LUMEN	DRIVER	VOLT	EMERG
NAH Architectural NCH Commercial NCHR Remodel	430 New Const 434 Remodel	85 850 10W 12 1250 15W 20 2000 24W	(Blank) Standard C Comfort Dim* LUXX	LE1 LE2 LE3 LE4	EM Emerg Pack w/ Test Switch

Example: NCH-43085LE1EM - 4" Sapphire Series Commercial LED New Construction Frame-in, 850 Lumen, 120V, with Emergency Pack and Remote Test Switch

LE1- 120V -850L&1250L Triac Dimming - 2000L & up 0-10V Dimming

LE2 - 277V 0-10V Dimming

LE3 - 120V Triac Dimming LE4 - 120V 0-10V Dimming





























LED SAPPHIRE SERIES 4" REFLECTORS 850-2000 LUMEN

ARCHITECTURAL AND COMMERCIAL



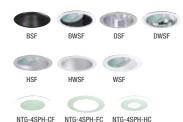




NC-436 4" Wall Wash



NC-438 4" Decorative Glass





10 YEAR

4" SAPPHIRE HIGH LUMEN REFLECTORS

REFLECTOR	SOURCE	LUMEN	TEMP	FINISH	FLANGE
NC-431 Open Reflect NC-436 Wall Wash NC-438 Deco Glass*	L LED	85 850 10W 12 1250 15W 20 2000 24W	27 2700K 30 3000K 35 3500K 40 4000K CD Comfort Dim 27-18K	B Black D Diffused H Haze W White	SF Self Flange WSF White Self Flange

438 DECORATIVE GLASS OPTIONS (Glass Ordered Separately)

NTG-4SPH-CF 4" Tempered Clear Glass with Frosted Center NTG-4SPH-FC 4" Tempered Frosted Glass with Clear Center

NTG-4SPH-HC 4" Tempered Clear Glass with Frosted Center and 3-1/8" Open Center

* Reflector supplied with three studs mounted in flange for attaching decorative glass (specified separately). The decorative glass will reduce the amount of usable light by 10 to 30% depending on the selected glass.

Example: NC-431L2040DWSF - 4" Sapphire Series, Open Reflector, LED, 2000 Lumen, 4000K, Clear Diffused, White Self-Flange





























LED SAPPHIRE SERIES 6" FRAME-INS 850-8000 LUMEN

ARCHITECTURAL, COMMERCIAL AND REMODEL

Architectural grade, LED high lumen downlights featuring deep cone reflectors. Dimmable with Cree® LEDs and Cree® LED drivers for reliable performance. The Sapphire series is specifiable in 120V or 277V for commercial jobs of all sizes and offers dedicated EM housing back-ups for new construction and remodel applications.

FEATURES:

- · Latest Cree® technology; integrated driver and ceramic LED package
- · Deep cone reflectors, wall wash or decorative glass trims
- · 850, 1250, 2000, 3000, 4000, 6000 and 8000 Lumen
- · 2700K, 3000K, 3500K, 4000K
- · 97 Lumens per Watt and 70% efficacy
- · Comfort Dim (2700K to 1800K) available with 850, 1250, 2000 and 3000 Lumen
- · Dimmable
- · cl II us listed for wet location



6" Architectural Downlight frame-in as shown: NAH-63020LE1



6" Commercial Downlight frame-in as shown: NCH-63020LE1



6" Remodel Downlight frame-in as shown: NCHR-63420LE1



6"	SAPPHIRE	HIGH	LUMEN	FRAME-IN	

10 YEAR LIMITED WARRANTY

O OALLIIILE III	all comen	THE III			
FRAME TYPE	SERIES	LUMEN	DRIVER	VOLT	EMERG
NAH Architectural NCH Commercial NCHR Remodel	630 New Const 634 Remodel	85 850 10W 12 1250 15W 20 2000 24W 30 3000 36W 40 4000 41W 60 6000 82W 80 8000 112W	(Blank) Standard C Comfort Dim* LUXX	LE1 LE2 LE3 LE4	EM Emerg Pack w/ Test Switch

Example: NAH-63020LE1EM - 6" Sapphire Series Architectural LED New Construction Frame-in, 2000 Lumen, 120V, with Emergency Pack and Remote Test Switch

LE1- 120V -850L&1250L Triac Dimming - 2000L & up 0-10V Dimming

LE2 - 277V 0-10V Dimming LE3 - 120V Triac Dimming

LE4 - 120V 0-10V Dimming





























LED SAPPHIRE SERIES 6" REFLECTORS 850-8000 LUMEN

ARCHITECTURAL, COMMERCIAL AND REMODEL



6" SAPPHIRE HIGH LUMEN REFLECTORS

10 YEAR LIMITED WARRANTY

REFLECTOR TYPE	SOURCE	LUMEN	TEMP	FINISH	FLANGE
NC-631 Open Reflect NC-636 Wall Wash NC-638 Deco Glass*	L LED	85 850 10W 12 1250 15W 20 2000 24W 30 3000 36W 40 4000 41W 60 6000 82W 80 8000 112W	27 2700K 30 3000K 35 3500K 40 4000K CD [†] Comfort Dim 27-18K	B Black D Diffused H Haze W White	SF Self Flange WSF White Self Flange

638 DECORATIVE GLASS OPTIONS (Glass Ordered Separately)

NTG-6B/120 6" Tempered Blue Glass with 4-3/4" Open Center NTG-6B/80 6" Tempered Blue Glass wit h 3-1/8" Open Center NTG-6CF 6" Tempered Clear Glass with Frosted Center NTG-6FC 6" Tempered Frosted Glass with Clear Center

NTG-6HC 6" Tempered Clear Glass with Frosted Center and 3-1/8" Open Center

Example: NC-631L2040DWSF - 6" Sapphire Series Open Reflector LED, 2000 Lumen, 4000K, Clear Diffused Reflector, White Self-Flange

[†] Comfort dim available in 850, 1250, 2000, and 3000 lumen. Note: 2000 and 3000 lumen require 4000 lumen drivers.

























^{*} Reflector supplied with three studs mounted in flange for attaching decorative glass (specified separately). The decorative glass will reduce the amount of usable light by 10 to 30% depending on the selected glass.



LED SAPPHIRE SERIES 8" FRAME-INS 850-8000 LUMEN

ARCHITECTURAL, COMMERCIAL AND REMODEL

Architectural grade LED High Lumen Downlights featuring deep cone reflectors. Dimmable with Cree® LEDs and Cree® LED drivers for reliable performance. The Sapphire series is specifiable in 120V or 277V for commercial jobs of all sizes and offers dedicated EM housing back-ups for new construction and remodel applications.

FEATURES:

- · Latest Cree® technology; integrated driver and ceramic LED package
- · Deep cone reflectors, wall wash or decorative glass
- · 850, 1250, 2000, 3000 4000, 6000 and 8000 Lumen
- · 2700K, 3000K, 3500K, 4000K
- · 97 Lumens per Watt and 70% efficacy
- · Comfort Dim (2700K to 1800K) available with 850, 1250, 2000 and 3000 Lumen
- Dimmable
- cULus listed for wet location



8" Architectural Downlight frame-in as shown: NAH-83020LE1



8" Commercial Downlight frame-in as shown: NCH-83020LE1



8" Remodel Downlight frame-in as shown: NCHR-83420LE1



10 YEAR LIMITED WARRA 8" SAPPHIRE HIGH LUMEN FRAME-IN FRAME TYPE SERIES LUMEN DRIVER VOLT EMERG (Blank) NAH Architectural 830 85 850 10W LE₁ **EM** NCH Commercial New Const 12 1250 15W Standard LE₂ Emerg NCHR Remodel 834 C Comfort Pack LE3 20 2000 24W w/ Test Remodel Dim* **30** 3000 36W LE4 LUXX Switch **40** 4000 41W 60 6000 82W 80 8000 112W

Example: NCHR-83420CLE2EM - 8" Sapphire Series Architectural LED Remodel Frame-in, Comfort Dim, 2000 Lumen, 277V, with Emergency Pack and Remote Test Switch

LE1- 120V -850L&1250L Triac Dimming - 2000L & up 0-10V Dimming

LE2 - 277V 0-10V Dimming LE3 - 120V Triac Dimming LE4 - 120V 0-10V Dimming



























LED SAPPHIRE SERIES 8" REFLECTORS 850-8000 LUMEN

ARCHITECTURAL, COMMERCIAL AND REMODEL



10 YEAR LIMITED WARRANTY

8" SAPPHIRE HIGH LUMEN REFLECTORS

REFLECTOR TYPE	SOURCE	LUMEN	TEMP	FINISH	FLANGE
NC-831 Open Reflect NC-836 Wall Wash NC-838 Deco Glass*	L LED	85 850 10W 12 1250 15W 20 2000 24W 30 3000 36W 40 4000 41W 60 6000 82W 80 8000 112W	27 2700K 30 3000K 35 3500K 40 4000K CD† Comfort Dim 27-18K	B Black D Diffused H Haze W White	SF Self Flange WSF White Self Flange

838 DECORATIVE GLASS OPTIONS (Glass Ordered Separately)

NTG-8B/167 8" Tempered Blue Glass with 6-5/8" Open Center NTG-8B/80 8" Tempered Blue Glass wit h 3-1/8" Open Center NTG-8CF 8" Tempered Clear Glass with Frosted Center NTG-8FC 8" Tempered Frosted Glass with Clear Center

NTG-8HC 8" Tempered Clear Glass with Frosted Center and 3-1/8" Open Center

Example: NC-836L20CDWSF - 8" Sapphire Series Wall Wash LED, 2000 Lumen, Comfort Dim, White Reflector, White Self-Flange

[†] Comfort dim available in 850, 1250, 2000, and 3000 lumen. Note: 2000 and 3000 lumen require 4000 lumen drivers.



























^{*} Reflector supplied with three studs mounted in flange for attaching decorative glass (specified separately). The decorative glass will reduce the amount of usable light by 10 to 30% depending on the selected glass.





Marquise ED Recessed

IC-RATED, HIGH PERFORMANCE LED DOWNLIGHT

Marguise Series also available in Retrofit see page 66

























White Light Dimming (standard) features lumen packages from 850 to 2000 lumens with smooth and consistent dimming white light shift down to 5%.

Comfort Dimming Option features lumen packages from 850 to 2000 lumens with smooth, gradual even line dimming from 2700K down to 1800K. Comfort Dimming is perfect for restaurants, multi-use rooms and high-end residential applications where warm color tuning is important to the ambiance of the occasion or function.

LED MARQUISE SERIES 4" HOUSINGS 850-1250 LUMEN

IC AND NON-IC · LIGHT COMMERCIAL AND RESIDENTIAL

Commercial grade LED High Lumen Downlights featuring deep cone reflectors. Dimmable Cree® LEDs and Cree® LED drivers for reliable performance. The Marguise Series is specifiable in 120V or 277V for light commercial, high-end residential applications and offers dedicated EM housing back-ups for new construction and remodel applications.

FEATURES:

- Latest Cree® technology; integrated driver and ceramic LED package
- · Deep cone reflectors, baffle or decorative glass
- · 850 and 1250 Lumen
- · High color rendition CRI 90+
- · 97 Lumens per Watt and 65% efficacy
- · 2700K, 3000K, 3500K, 4000K and Comfort Dim (2700-1800K)
- · Dimmable
- · cULus listed for wet location



4" IC / Non-IC New Construction housing as shown: NHM-412LE1



4" IC New Construction Downlight housing as shown: NHMICD-412LE1



4" IC / Non-IC Remodel Downlight housing as shown: NHRMIC-485LE1



4" IC Fire Box 2-Hour Fire Rated Enclosure housing as shown: NFBIC-4L85ATLE1

5 YEAR

AH MADOL	ARQUISE SERIES HOUSING						
			DD##D	VOLTAGE	FMEDO		
H	DUSING TYPE	LUMEN	DRIVER	VOLTAGE	EMERG		
NHMIC-4 NHRMIC-4	4" IC New Constuct 4" IC Remodel	85 850	(Blank) Standard	LE1 LE2	EM Emerg Pack		
NHM-4 NHMICD-4 NHRM-4	4" New Constuction 4" IC Double Wall 4" Remodel	12 1250	C Comfort Dim*	LE3 LE4	w/ Test Switch		
	5AT 4" IC Fire Box, 85 2AT 4" IC Fire Box, 12						

Example: NHM-412LE1 - 4" Marquise LED New Construction Housing, 1250 Lumen, 120V

LE1- 120V -850L&1250L Triac Dimmina

LE2 - 277V 0-10V Dimming LE3 - 120V Triac Dimmina LE4 - 120V 0-10V Dimming



























LED MARQUISE SERIES 4" REFLECTORS 850-1250 LUMEN

IC AND NON-IC · LIGHT COMMERCIAL AND RESIDENTIAL









NRM-411

NRM-412

NRM-413

NRM-418 with NTG-4R/80

4" MARQUISE SERIES REFLECTORS

STEAN	
LIMITED WARRANT	Y

REFLECTOR TYPE	SOURCE	LUMEN	TEMP	FINISH / FLANGE
NRM-411 Open Reflector	L LED	85 850 12 1250	27 2700K 30 3000K	BW Black / White BZ Bronze / Bronze
NRM-412 Baffle			35 3500K 40 4000K CD Comfort	CO Copper / Copper CW Clear / White DW Diffused / White
NRM-413 Square w/ Round Reflector			Dim 27-18K	HZW Haze / White NN Natural Metal WW White / White
NRM-418 Decorative Glass*				Not all finishes available on all trims

4" MARQUISE SERIES FINISHES (Not all finishes available on all trims)

	BW	BZ	CO	CW	DW	HZW	NN	WW
411	•	•	•	•	•	•	•	•
412	•	•	•				•	•
413		•		•		•	•	•
418	•	•	•	•	•	•	•	•

418 DECORATIVE GLASS OPTIONS (Glass Ordered Separately)

NTG-4B/80 4" Tempered Blue Glass with 3-1/8" Open Center NTG-4CF 4" Tempered Clear Glass with Frosted Center NTG-4FC

4" Tempered Frosted Glass with Clear Center NTG-4HC 4" Tempered Clear Glass with Frosted Center and 3-1/8" Open Center

Example: NRM-411L1230BW - 4" Marquise Series, Open Reflector, LED, 1250 Lumen, 3000K, Black Specular Reflector, White Self-Flange





























^{*} Reflector supplied with three studs mounted in flange for attaching decorative glass (specified separately). The decorative glass will reduce the amount of usable light by 10 to 30% depending on the selected glass.

LED MARQUISE SERIES 5" HOUSINGS 850-2000 LUMEN

IC AND NON-IC · LIGHT COMMERCIAL AND RESIDENTIAL

Commercial grade LED High Lumen Downlights featuring deep cone reflectors. Dimmable Cree® LEDs and Cree® LED drivers for reliable performance. The Marguise Series is specifiable in 120V or 277V for light commercial, high-end residential applications and offers dedicated EM housing back-ups for new construction and remodel applications.

FEATURES:

- · Latest Cree® technology; integrated driver and ceramic LED package
- · Deep cone reflectors, baffle or decorative glass
- 850, 1250, and 2000 Lumen
- · High color rendition CRI 90+
- · 97 Lumens per Watt and 65% efficacy
- · 2700K, 3000K, 3500K, 4000K and Comfort Dim (2700-1800K)
- Dimmable
- clll us listed for wet location.



5" IC / Non IC New Construction housing as shown: NHM-520LE1

5" IC / Non IC Remodel Downlight housing as shown: NHRM-512LE1



5" IC Fire Box 2-Hour Fire Rated Enclosure housing as shown: NFBIC-5L85ATLE1



5" Marquise LED Retrofit also available See page 67

> 5 YEAR LIMITED WARRANTY

	5" MARQU	ISE SERIES HOUS	ING			
	HC	USING TYPE	LUMEN	DRIVER	VOLTAGE	EMERG
_	NHMIC-5 NHRMIC-5	5" IC New Constuct 5" IC Remodel	85 850	(Blank) Standard C Comfort	LE1 LE2 LE3	EM Emerg Pack
	NHM-5 NHRM-5	5" New Constuction 5" Remodel	12 1250 20 2000	Dim*	LE4	w/ Test Switch
(1)	NFBIC-5L8	5AT 5" IC Fire Box, 85	0 lumen			

Example: NHM-520LE1 - 5" Marquise Series LED New Construction, 2000 Lumen, 120V

LE1- 120V -850L&1250L Triac Dimming - 2000L & up 0-10V Dimming

LE2 - 277V 0-10V Dimmina LE3 - 120V Triac Dimming

LE4 - 120V 0-10V Dimming





























LED MARQUISE SERIES 5" REFLECTORS 850-2000 LUMEN

IC AND NON-IC · LIGHT COMMERCIAL AND RESIDENTIAL



5" MARQUISE SERIES REFLECTORS

5 YEAR

0 1111111111111111111111111111111111111			•	
REFLECTOR TYPE	SOURCE	LUMEN	TEMP	FINISH / FLANGE
NRM-511 Open Reflector NRM-512 Baffle NRM-518 Decorative Glass*	L LED	85 850 12 1250 20 2000	27 2700K 30 3000K 35 3500K 40 4000K CD Comfort Dim 27-18K	BW Black / White BZ Bronze / Bronze CO Copper / Copper DW Diffused / White HZW Haze / White NN Natural Metal WW White / White Not all finishes available on all trims

5" MARQUISE SERIES FINISHES (Not all finishes available on all trims)

	BW	BZ	CO	DW	HZW	NN	WW
511	•	•	•	•	•	•	•
512	•	•	•			•	•
518	•	•	•	•	•	•	•

518 DECORATIVE GLASS OPTIONS (Glass Ordered Separately)

NTG-5B/80 5" Tempered Blue Glass with 3-1/8" Open Center NTG-5CF 5" Tempered Clear Glass with Frosted Center NTG-5FC 5" Tempered Frosted Glass with Clear Center NTG-5HC 5" Tempered Clear Glass with Frosted Center and 3-1/8" Open Center

Example: NRM-511L1230BW - 5" Marquise Series, Open Reflector, LED, 1250 Lumen, 3000K, Black Specular Reflector, White Self-Flange

















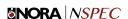












^{*} Reflector supplied with three studs mounted in flange for attaching decorative glass (specified separately). The decorative glass will reduce the amount of usable light by 10 to 30% depending on the selected glass.

LED MARQUISE SERIES 6" HOUSINGS 850-2000 LUMEN

IC AND NON-IC · LIGHT COMMERCIAL AND RESIDENTIAL

Commercial grade LED High Lumen Downlights featuring deep cone reflectors. Dimmable Cree® LEDs and Cree® LED drivers for reliable performance. The Marguise Series is specifiable in 120V or 277V for light commercial, high-end residential applications and offers dedicated EM housing back-ups for new construction and remodel applications.

FFATURES:

- · Latest Cree® technology: integrated driver and ceramic LED package
- Deep cone reflectors, baffle or decorative glass
- 850, 1250, and 2000 Lumen
- · High color rendition CRI 90+
- 97 Lumens per Watt and 65% efficacy
- · 2700K, 3000K, 3500K, 4000K and Comfort Dim (2700-1800K)
 - Dimmable
- · cULus listed for wet location



6" IC / Non IC New Construction housing as shown: NHM-620LE1



6" IC New Construction Downlight housing as shown: NHMICD-620LE1



6" IC / Non IC Remodel Downlight housing as shown: NHRM-612LE1



6" IC Fire Box 2-Hour Fire Rated Enclosure housing as shown: NFBIC-6L85ATLE1

5 YEAR LIMITED WARRANTY

6 " MARQUISE SERIES HOUSING HOUSING TYPE LUMEN DRIVER VOLTAGE FMFRG NHMIC-6 6" IC New Constuction LE1 **85** 850 (Blank) EM NHRMIC-6 6" IC Remodel LE2 Standard Emerg Pack LF3 C Comfort NHM-6 6" New Constuction **12** 1250 w/ Test Dim* LE4 NHMICD-6 6" IC Double Wall 20 2000 Switch NHRM-6 6" Remodel

NFBIC-6L85AT 6" IC Fire Box, 850 lumen NFBIC-6L12AT 6" IC Fire Box, 1250 lumen

Example: NHM-620LE1 - 6" Marquise LED New Construction Housing, 2000 Lumen, 120V

LE1- 120V -850L&1250L Triac Dimming - 2000L & up 0-10V Dimming

LE2 - 277V 0-10V Dimming LE3 - 120V Triac Dimming

LE4 - 120V 0-10V Dimming



























LED MARQUISE SERIES 6" REFLECTORS 850-2000 LUMEN

IC AND NON-IC · LIGHT COMMERCIAL AND RESIDENTIAL



NRM-611

NRM-612

NRM-618



6" Marquise LED Retrofit also available See page 67

IDEAL FOR HIGH CEILING RETROFIT APPLICATIONS

6" MARQUISE SERIES REFLECTORS

5 YEAR LIMITED WARRANTS

REFLECTOR TYPE	SOURCE	LUMEN	TEMP	FINISH / FLANGE
NRM-611 Open Reflector NRM-612 Baffle NRM-618 Decorative Glass*	L LED	85 850 12 1250 20 2000	27 2700K 30 3000K 35 3500K 40 4000K CD Comfort Dim 27-18K	BW Black / White BZ Bronze / Bronze CO Copper / Copper DW Diffused / White HZW Haze / White NN Natural Metal WW White / White Not all finishes available on all trims

6" MARQUISE SERIES FINISHES

	BW	BZ	CO	DW	HZW	NN	WW
611	•	•	•	•	•	•	•
612	•	•	•			•	•
618	•	•	•	•	•	•	•

618 DECORATIVE GLASS OPTIONS (Glass Ordered Separately)

NTG-6B/80 6" Tempered Blue Glass with 4-3/8" Open Center NTG-6B/80 6" Tempered Blue Glass with 3-1/8" Open Center NTG-6CF 6" Tempered Clear Glass with Frosted Center NTG-6FC 6" Tempered Frosted Glass with Clear Center

6" Tempered Clear Glass with Frosted Center and 3-1/8" Open Center NTG-6HC

Example: NRM-511L1230BW - 5" Marquise Series, Open Reflector, LED, 1250 Lumen, 3000K, Black Specular Reflector, White Self-Flange





























^{*} Reflector supplied with three studs mounted in flange for attaching decorative glass (specified separately). The decorative glass will reduce the amount of usable light by 10 to 30% depending on the selected glass.

LED MARQUISE SERIES 6" ADJUSTABLE 850-2000 LUMEN

IC AND NON-IC · ADJUSTABLE FROM 0°-30° LIGHT COMMERCIAL AND RESIDENTIAL



NRM-614







NRM-619

6" MARQUISE SERIES ADJUSTABLES

5 \	/EAR
IMITED	WARRANTY

REFLECTOR TYPE	SOURCE	LUMEN	TEMP	FINISH / FLANGE
NRM-614 Surface Adjustable NRM-617 Regressed Baffle NRM-619 Regressed Reflector	L LED	85 850 12 1250 20 2000	27 2700K 30 3000K 35 3500K 40 4000K CD* Comfort Dim 27-18K	B Black BW Black / White BZ Bronze / Bronze C Chrome CO Copper / Copper CW Dif Clear / White HZW Haze / White NN Natural Metal WW White / White Not all finishes available on all trims

6" MARQUISE SERIES ADJUSTABLE FINISHES

	В	BW	BZ	С	CO	CW	HZW	NN	ww
614	•		•	•	•			•	•
617		•	•		•			•	•
619		•	•		•	•	•	•	•

Example: NRM-617L1230BW - 6" Marquise Series, Regressed Adjustable Baffle, LED, 1250 Lumen, 3000K, Black Regressed Adjustable Baffle, White Flange

^{*} Comfort Dim requires ELV dimming for 850L and 1250L



























LED MARQUISE SERIES **6" SLOPE RETROFIT 850 LUMEN**

IC AND NON-IC · LIGHT COMMERCIAL AND RESIDENTIAL

The Nora Marguise 6" Slope can be installed in new construction, remodel, or retrofit applications. The 850 lumen, 650 delivered unit can be specified in 27K, 30K, 35K, 40K and Comfort Dim. Available in Baffle or Reflector style, the Marquise slope accommodates slope ceilings up to 23° (6/12). The deep set optics can be adjusted to match the slope degree. Used with dedicated new construction and remodel housings, the slope unit is Title 24 compliant and meets other energy code requirements. When being used as a retrofit, it is compatible with Nora slope housings and other manufacturer housings (consult factory for compatible housings).



Reflector NRMC-6S118527W

Baffle NRMC-6S128535W

5 YEAR LIMITED WARRANTY

6" MARQUISE SLOPE RETROFIT UNIT

TYPE	APERTURE	TRIM	LUMEN	TEMP	FINISH	VOLTAGE
NRMC	6S1 6-inch	1 Reflector 2 Baffle	85 850	27 2700K 30 3000K 35 3500K 40 4000K CD Comfort Dim*	B Black W White	4 120V or 277V

Example: NRMC-6S118527W1-6" Marquise Retrofit, 2700K, White Reflector, White Flange, 120V

Dimming: 4-120V=TRIAC or 0-10/277=0-10V

COMPATIBLE HOUSINGS for Marquise Slope Retrofit

New Construction

NHIC-926LMRAT 6" ICAT Ded. LED NHIC-926QAT 6" ICAT Line Voltage

Remodel

NHRIC-926LMRAT 6" ICAT Ded. LED NHRIC-926QAT 6" ICAT Line Voltage



^{*} Comfort Dim requires ELV dimming on 850L & 1250L













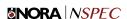
















Iolite LED Recessed

1", 2" & 4" APERTURE, MODULAR LED DOWNLIGHT Iolite Series also available in 4" Retrofit (see page 61)



Nora | NSpec is proud to introduce lolite, the new 1", 2" and 4" dedicated and 4" retrofit LED downlights in square and round designs. The die-cast aluminum trims feature an architectural edge. lolite modules and reflector trims can be specified in over 100 unique styles to meet any lighting design criteria.























LED IOLITE SERIES



1". 2" & 4" HOUSINGS 600-800 LUMEN

MODULAR LED DOWNLIGHT

lolite dedicated LED housings feature aluminum construction. Driver available in Triac and 0-10V dimming and 120/277V input.

FEATURES:

- · Over 80% energy savings when compared to incandescent
- · 800 to 600 Lumens
- · Aluminum IC & Air-Tight Rated Housings
- Dimmable
- · LED Driver mounted on bracket or J-Box cover
- · Available in 1", 2" and 4" new construction & 4" Remodel

- 5-year limited warranty
- · New construction housing include 24-1/2" hanger bars w/ alignment feet nail & scoted for T-Bar installation
- · cULus and Energy Star listed for damp location
- · cULus and Energy Star listed for wet location using specific trims



1", 2" & 4" Dedicated New Construction housing as shown: NHIOICD-28LE3

Dimension H: 4" W: 8" L: 13"

1" = Cut out: 2-3/8"

2" = Cut out: 3-3/16" 4" = Cut out: 4-3/8"



4" Dedicated Remodel housing as shown: NHRIOICD-28LE3

Dimension

4" = H: 6-1/4" W: 4-5/8" L: 13" Cut out: 4-1/8"

1", 2" & 4" IOLITE SERIES HOUSINGS

. ,			
HOUSING TYPE	SIZE	LUMEN	VOLTAGE
NHIOICD	1 1"	6 600	LE3 120V Triac Dimming
New Constuction	2 2" 4 4"	8 800	or 277V: 0-10V Dimming
NHRIOIC* Remodel	4 4"		

Example: NHIOICD-28LE3 - 2" Iolite Series New Const. Housing, 800 Lumen, 120V Triac dimmina

* Consult factory or web site for 1" and 2" Remodel Iolite Housings.



























1" LED IOLITE SERIES **REFLECTORS** 600 LUMEN

MODULAR LED DOWNLIGHT

1" lolite with 1-1/4" aperture produces 600 lumens at 95CRI Non-adjustable deep set optics in die cast aluminum trim.

FEATURES:

- · 1-1/4" aperature
- · 600 Lumens
- · High color rendition CRI 95
- 2700K, 3000K, and 4000K color temperatures
- · 20°, 40° and 60° reflectors included with each module.
- · 2 Reflector Styles Deep set

optics with straight edge & Deep set optics with bull nose edge for softer aperture brightness.

- · Dimmable 120V TRIAC / 120-277V 0-10V
- · CREE COB package
- · 5-year limited warranty
- · cULus and Energy Star listed for wet location.



Round & Square - Deep set optics w/Straight reflector NG Series BW, BZ, HW, MPW, NN, WW

Round & Square - Deep set optics w/Bull Nose curved reflector **NB Series** BZ, MPW, NN, WW

1" IOLITE SERIES REFLECTORS (600Im Non-Adjustable)

SERIES	SIZE	SHAPE	STYLE	TEMP	SPREAD	FINISH / FLANGE
NIO- Trim with LED Mod- ule	1 1"	R Round S Square	NG Straight Regressed Reflector NB Bull Nose Regressed Reflector	27 2700K 30 3000K 40 4000K	X 20°/40° /60°	BW* Black / White BZ Bronze / Bronze HW* Haze / White MPW Matte Powder White NN Natural Metal WW White / White *Finish NOT available on NB Trims

Example: NIO-1RNB27XBZ - 1" Iolite Round with Bull Nose Trim Reflector in 27K with 20, 40 and installed 60 degree reflectors in Bronze finish.

1" IOLITE ACCESSORIES

NIO-1HC Hex Cell louver for 1"

NIO-1REFL20FR 20° Reflector w/Frosted lens

NIO-1REFL40FR 40° Reflector w/Frosted lens

NIO-1REFL60FR 60° Reflector w/Frosted lens

























2" LFD IOLITE SERIES **REFLECTORS** 800 LUMEN



MODULAR ADJUSTABLE LED DOWNLIGHT

2" lolite with 2" aperature die-cast aluminum adjustable down lights can be aimed down for general light or adjusted 35° to highlight or wall wash a focal point with your choice of 25°, 38° or 60° beam spreads.

FFATURES:

- · 2" aperature
- · 800 Lumens
- · High color rendition CRI 95
- · 2700K, 3000K, and 4000K color temperatures
- 60° beam spread installed with 25° and 38° reflectors included with each module1.
- 15° reflector available¹
- · Dimmable 120V TRAIC or 120V/277V; 0-10V
- · Cree LED COB package
- · 4 finishes including matte powder white
- · 5-year limited warranty
- · cULus and Energy Star listed for wet location



Round Surface Gimbal NIO-2RG BZ, MPW, NN, WW



Square Surface Gimbal NIO-2SG BZ, MPW, NN, WW



Round Cone Regressed NIO-2RC BW. BZ. HW. MPW. NN. WW



Square Cone Regressed NIO-2SC BW. BZ. HW. MPW. NN. WW

2" IOLITE SERIES REFLECTORS

SERIES	SIZE	SHAPE	STYLE	TEMP	SPREAD	FINISH / FLANGE
NIO- Trim with LED Mod- ule	2 2"	R Round S Square	G Surface Gimbal C Cone Regress	27 2700K 30 3000K 40 4000K	X 25°/38° /60°	BW* Black / White BZ Bronze / Bronze HW* Haze / White MPW Matte Powder White NN Natural Metal WW White / White * Not available on Surface Gimbal

2" IOLITE SERIES FINISHES (Not all finishes available on all trims)

Example: NIO-2RC27XWW - 2" Iolite Series Round Cone Regressed Dedicated Trim with Module, 800 Lumen, 2700K, White with White

See accessories on page 61

























4" LED IOLITE SERIES REFLECTORS 800 LUMEN

MODULAR ADJUSTABLE LED DOWNLIGHT

4" lolite with 4" die cast aluminum adjustable downlights available in Round. Square and Deep regress in regressed cone and regressed gimbal styles. Aim down for general light or at 35° to highlight or wallwash a focal point with your choice of 25°, 38° or 60° beam spreads.

FFATURES:

- · 4" aperture
- · 800 Lumens
- · High color rendition CRI 95
- · 2700K, 3000K, and 4000K color temperatures
- 60° beam spread installed with 25° and 38° reflectors included with each module1.
- 15º reflector available¹
- · Dimmable 120V TRAIC or 120V/277V: 0-10V
- · Cree LED COB package
- · 4 finishes including matte powder white
- · 5-year limited warranty
- · cULus and Energy Star listed for wet location[†]



Round Deep Regress† NIO-4RD (Damp Label) BW. BZ. HW. MPW. NN. WW



NIO-4RC BW. BZ. HW. MPW. NN. WW



Round Regress Gimbal NIO-4RG BZ. MPW. NN. WW



Square Deep Regress† NIO-4SD (Damp Label) BW, BZ, HW, MPW, NN, WW



Square Cone Regressed NIO-4SC BW, BZ, HW, MPW, NN, WW



Square Regress Gimbal NIO-4SG BZ, MPW, NN, WW

4" IOLITE SERIES REFLECTORS

SERIES	SIZE	SHAPE	STYLE	TEMP	SPREAD	FINISH / FLANGE
NIO- Trim with LED Mod- ule	4 4"	R Round S Square	D [†] Deep Regressed (Round only) G Surface Regressed Gimbal C Cone Regress	27 2700K 30 3000K 40 4000K	X 25°/38° /60°	BW* Black / White BZ Bronze / Bronze HW* Haze / White MPW Matte Powder White NN Natural Metal WW White / White *Not available on Surface Gimbal

4" IOLITE SERIES FINISHES (Not all finishes available on all trims)

Example: NIO-4SG30XNN - 4" Iolite Series Square Regressed Surface Gimbal Retrofit Trim, 800 Lumen, 3000, Natural Metal with Natural Metal

See accessories on page 61























[†] Deep Regress Trim is Damp Listed



LED IOLITE SERIES **PENDING** 4" RETROFIT TRIMS 800 LUMEN

MODULAR ADJUSTABLE LED DOWNLIGHT

4" lolite retrofit allows the complete family of 4" die-cast aluminum trims to be used as 4" adjustable accent or downlights in existing 4" Nora housings or housing by others.

FEATURES:

- · 4" aperature
- · 800 Lumens
- · High color rendition CRI 95
- · 2700K, 3000K, and 4000K color temperatures
- · 60° beam spread installed with 25° and 38° reflectors included with each module.

15° reflector available

- · Dimmable 120V TRIAC
- · Cree LED COB package
- · 4 finishes including matte powder white
- 5-year limited warranty
- · cULus and Energy Star listed for wet location

Note: Includes male connector for hard wiring. (removing existing socket)

Square Cone Regress NIR-4SC BZ, BW, HW, MPW. NN. WW Dimension H: 4.75" W: 4.93" Aperature: 3.31"

Medium Screw Base (included) Optional GU24 adapter available

5 YEAR LIMITED WARRANT

4" IOLITE RETROFIT SERIES REFLECTORS

SERIES	SIZE	SHAPE	STYLE	TEMP	SPREAD	FINISH / FLANGE
NIR- lolite Ret- rofit	4 4"	R Round S Square	G Surface Regress C Cone Regress	27 2700K 30 3000K 40 4000K	X 25°/38° /60°	BW* Black / White BZ Bronze / Bronze HW* Haze / White MPW Matte Powder White NN Natural Metal WW White / White 'Finish not available on Surface Regress

4" IOLITE RETROFIT SERIES FINISHES (Not all finishes available on all trims)

Example: NRI-4RC27XWW - 4" Iolite Retrofit Series Round Cone Regress Dedicated Trim with Module, 800 Lumen, 2700K, White with White

COMPATIBLE HOUSINGS for Iolite Retrofit New Construction

NHIC-4G24AT 4" ICAT GU24† NHIC-4LMARAT 4" ICAT Dedicated LED

NHIC-4LMARAT/277 4" ICAT Dedicated LED, 277V NIO-REFL38FR 38° Reflector w/Frosted lens

Remodel

NHIC-4G24AT 4" Remodel ICAT GU24† NSRIC-404QAT 4" Remodel AT Line Voltage NHRIC-4LMRAT/277 4" ICAT Dedicated LED, 277V

Fire Box

NFBIC-4INCAT 4" ICAT Fire Box NFBIC-4LMRAT 4" ICAT Dedicated LED Fire Box †Requires NRA-212SM - GU24 adaptor

2" & 4" IOLITE ACCESSORIES

NIO-2HC Hex Cell louver for 2" & 4"

NIO-REFL15FR 15° Reflector w/Frosted lens NIO-REFL25FR 25° Reflector w/Frosted lens

NIO-REFL60FR 60° Reflector w/Frosted lens















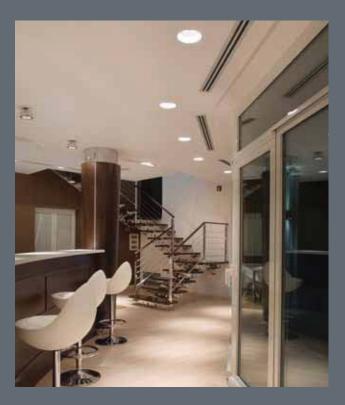














LED Recessed Retrofit

Sapphire Retrofit

- · Comfort Dimming option
- · 850 to 4000 Lumens
- · 90+ CRI standard



Marquise Retrofit

- · Comfort Dimming option
- · 850 Lumens
- · 90+ CRI standard
- 90+ CRI True White™



Iolite Retrofit

- · 4" Adjustable
- · 800 Lumens
- · CREE COB technology
- · Selectable Beam Spreads
- · 90+ CRI



Cobalt Retrofit

- · 780 & 1000 Lumens
- · 90+ CRI standard
- · Cree® COB Technology



Onyx Retrofit

- · 800 Lumens
- · 90+ CRI standard



Opal Retrofit

- · 800 Lumens
- · 90+ CRI standard
- J-Box mounting
 - · 5" and 6" Recessed











An innovation in energy efficient dimming, Comfort Dim presented by Nora and Cree™, warms the light as power is reduced. Comfort Dim color tunes the temperature from a bright 2700K to a romantic and comfortable 1800K on a gradual, even curve. Comfort Dim is available on the NSpec Sapphire Series, Nora Marquise and Marquise Retrofit Series downlights making them perfect solutions for restaurants, cineplex, home theaters, multi-purpose event venues and other applications where the temperature and comfort of the light set the mood.

LED Sapphire Retrofit

RETROFIT, NEW CONSTRUCTION AND REMODEL HIGH PERFORMANCE LED DOWNLIGHT

6" & 8" 850-4000 LUMEN

COMFORT DIM OPTION · ARCHITECTURAL AND COMMERCIAL



Styles

Reflector, Wall Wash and Decorative Glass: Self-Flanged Spun Aluminum

cULus Listed Wet Locations

Apertures

6" and 8"

technology

10 YEAR LIMITED WARRA

STYLE	LUMEN	TEMP	DRIVER	REFLECTOR	FLANGE
NCR-61 6" Open Refl NCR-66 6" Wall Wash NCR-68 6" Deco Glass	85 850 10W 12 1250 15W 20 2000 24W 30 3000 36W 40 4000 41W	27 2700K 30 3000K 35 3500K 40 4000K CD Comfort Dim* 27-18K	LE1 120V LE2 277V LE3 120V LE4 120V	B BlackD ClearDiffusedH HazeW White	SF Self Flange WF White Self
NCR-81 8" Open Refl NCR-86 8" Wall Wash NCR-88 8" Deco Glass					Flange

Example: NCR-611230E1WSF - 6" Sapphire Series Retrofit, Open Reflector, LED, 1250 Lumen, 3000K, 120V, White Specular Reflector, White Self-Flange

LE1- 120V -850L&1250L Triac Dimming - 2000L & up 0-10V Dimming

LE2 - 277V 0-10V Dimming LE3 - 120V Triac Dimming LE4 - 120V 0-10V Dimming



























LED Marquise Retrofit

RETROFIT, NEW CONSTRUCTION AND REMODEL HIGH PERFORMANCE LED DOWNLIGHT



WHY the Marquise Series?

The Marquise Series offers deep cone reflector in higher lumens IC housings for high ceilings. The Comfort Dim option is also available in the 850 lumen retrofit. Use the Marquise Comfort Dim in restaurants, home theaters, dining rooms, entertainment rooms, or anywhere the application of warm dimming is critical to the ambiance of the space.

LED MARQUISE RETROFIT

5" & 6" 850 LUMEN

COMFORT DIM OPTION · LIGHT COMMERCIAL AND RESIDENTIAL





NRMC-51

NRMC-62

5" & 6" MARQUISE RETROFIT SERIES

5 YEAR
LIMITED WARRANTY

UNIT	STYLE	SOURCE	LUMEN	TEMP	FINISH / FLANGE
NRMC Marquise Series	 51 5" Open Reflector 52 5" Baffle 61 6" Open Reflector 62 6" Baffle 	L LED	85 850	27 2700K 30 3000K 35 3500K 40 4000K CD Comfort Dim* 27-18K	BW Black / White BZ Bronze / Bronze CO Copper / Copper DW Diffused / White HZW Haze / White NN Natural Metal WW White / White Not all finishes available on all trims

5" & 6" MARQUISE RETROFIT SERIES FINISHES

	BW	BZ	CO	DW	HZW	NN	WW
51 / 61	•	•	•	•	•	•	•
52 / 62	•	•	•			•	•

Dimmable 120V Triac

Note: 5" Marguise Retrofit requires the removal of the socket to be replaced with the disconnect.

Example: NRMC-51L8530BW - 5" Marguise Series Retrofit, Open Reflector, LED, 850 Lumen, 3000K, Black Specular Reflector, White Self-Flange

COMPATIBLE HOUSINGS for Marquise Retrofit

New Construction

NHIC-501QAT 5" ICAT Line Voltage
NFBIC-5INCAT 5" ICAT Fire Box

NH-501Q 5" Line Voltage NHIC-5G24ATFL 5" ICAT GU24[†]

NHIC-5LMRAT 5" ICAT Dedicated LED NFBIC-5LMRAT 5" ICAT Ded. LED Fire Box

NHIC-17QAT 6" ICAT Line Voltage NHIC-17QNBAT 6" ICAT Line Volt (No Bracket) NFBIC-6INCAT 6" ICAT Fire Box

NH-26Q 6" Line Voltage NH-26QNB 6" Line Voltage (No Bracket) NHIC-6G24ATFL 6" ICAT GU24†

NHIC-6LMRAT 6" ICAT Dedicated LED NFBIC-6LMRAT 6" ICAT Ded. LED Fire Box

Remodel

NHRIC-504QAT 5" ICAT Line Voltage NHR-504Q 5" Line Voltage

NHRIC-5G24ATFL 5" ICAT GU24[†] NHRIC-5LMRAT 5" ICAT Dedicated LED NHRIC-17QAT 6" ICAT Line Voltage

NHRIC-17QNBAT 6" ICAT Line Volt (No Bracket) NHR-26Q 6" Line Voltage

NHRIC-6G24ATFL 6" ICAT GU24[†] NHRIC-6LMRAT 6" ICAT Dedicated LED

* Comfort Dim requires ELV dimming on 850L & 1250L

†Requires NRA-212SM - GU24 adaptor

























LED MARQUISE SERIES **6" SLOPE RETROFIT 850 LUMEN**

IC AND NON-IC · LIGHT COMMERCIAL AND RESIDENTIAL

The Nora Marguise 6" Slope can be installed in new construction, remodel, or retrofit applications. The 850 lumen, 650 delivered unit can be specified in 27K, 30K, 35K, 40K and Comfort Dim. Available in Baffle or Reflector style, the Marquise slope accommodates slope ceilings up to 23° (6/12). The deep set optics can be adjusted to match the slope degree. Used with dedicated new construction and remodel housings, the slope units is Title 24 compliant and meets other energy code requirements. When being used as a retrofit, it is compatible with Nora slope housings and other manufacturer housings (consult factory for compatible housings).



Baffle

Reflector NRMC-6S118527W

NRMC-6S128535B

5 YEAR LIMITED WARRANTY

6" MARQUISE SLOPE RETROFIT UNIT

TYPE										
2 Baffle 30 3000K 35 3500K 40 4000K CD Comfort or 277V	TYPE	APERTURE	TRIM	LUMEN	TEMP	FINISH	VOLTAGE			
	NRMC	6S1 6-inch		85 850	30 3000K 35 3500K 40 4000K					

Example: NRMC-6S118527W1-6" Marquise Retrofit, 2700K, White Reflector, White Flange, 120V

Dimming: 4-120V=TRIAC or 0-10/277=0-10V

COMPATIBLE HOUSINGS for Marquise Slope Retrofit

New Construction

NHIC-926LMRAT 6" ICAT Ded. LED NHIC-926QAT 6" ICAT Line Voltage

Remodel

NHRIC-926LMRAT 6" ICAT Ded. LED NHRIC-926QAT 6" ICAT Line Voltage





























LED IOLITE SERIES **PENDING** 4" RETROFIT TRIMS 800 LUMEN

MODULAR ADJUSTABLE LED DOWNLIGHT

4" lolite retrofit allows the complete family of 4" die-cast aluminum trims to be used as 4" adjustable accent or downlights in existing 4" Nora housings or housing by others.

FEATURES:

- · 4" aperature
- · 800 Lumens
- · High color rendition CRI 95
- · 2700K, 3000K, and 4000K color temperatures
- · 60° beam spread installed with 25° and 38° reflectors included with each module.

15° reflector available

- · Dimmable 120V TRIAC
- · Cree LED COB package
- · 4 finishes including matte powder white
- 5-year limited warranty
- · cULus and Energy Star listed for wet location

Note: Includes male connector for hard wiring. (removing existing socket)

Square Cone Regress NIR-4SC BZ, BW, HW, MPW. NN. WW Dimension H: 5.75" W: 4.93"

Aperature: 3.31"

Medium Screw Base (included) Optional GU24 adapter available

5 YEAR LIMITED WARRANT

4" IOLITE RETROFIT SERIES REFLECTORS

SERIES	SIZE	SHAPE	STYLE	TEMP	SPREAD	FINISH / FLANGE
NIR- lolite Ret- rofit	4 4"	R Round S Square	G Surface Regress C Cone Regress	27 2700K 30 3000K 40 4000K	X 25°/38° /60°	BW* Black / White BZ Bronze / Bronze HW* Haze / White MPW Matte Powder White NN Natural Metal WW White / White *Finish not available on Surface Regress

4" IOLITE RETROFIT SERIES FINISHES (Not all finishes available on all trims)

Example: NRI-4RC27XWW - 4" Iolite Retrofit Series Round Cone Regress Dedicated Trim with Module, 800 Lumen, 2700K, White with White

COMPATIBLE HOUSINGS for Iolite Retrofit **New Construction**

NHIC-4G24AT 4" ICAT GU24† NHIC-4LMARAT 4" ICAT Dedicated LED

NHIC-4LMARAT/277 4" ICAT Dedicated LED, 277

Remodel NSRIC-404QAT 4" Remodel AT Line Voltage NHRIC-4LMRAT/277 4" ICAT Dedicated LED, 277

Fire Box NFBIC-4INCAT 4" ICAT Fire Box NFBIC-4LMRAT 4" ICAT Dedicated LED Fire Box 2" & 4" IOLITE ACCESSORIES

NIO-2HC Hex Cell louver for 2" & 4"

NIO-REFL15FR 15° Reflector w/Frosted lens NIO-REFL25FR 25° Reflector w/Frosted lens NIO-REFL38FR 38° Reflector w/Frosted lens NIO-REFL60FR 60° Reflector w/Frosted lens

†Requires NRA-212SM - GU24 adaptor



















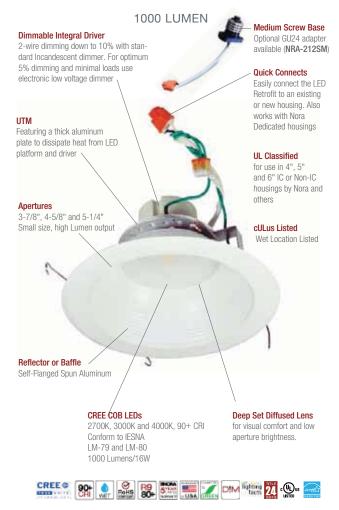






LED Cobalt

RETROFIT, NEW CONSTRUCTION AND REMODEL ECONOMY LED DOWNLIGHT



WHY the Cobalt Series?

The Cobalt Series offers the latest technology in COB (chip on board) LED design using Cree LEDs and Cree supported drivers. The 1000 Lumen COB sits behind a diffused lens deep set into an aluminum reflector providing excellent visual comfort.

The Cobalt offers the Nora designed UTM heat management system. The thick die-cast aluminum plate between the driver and LED platform dissipates the back heat of the LED platform out and away from the driver, a feature only found on units costing three to four times the Cobalt.

LED COBALT SERIES

4", 5", 6" RETROFIT 1000 LUMEN

RETROFIT, NEW CONSTRUCT & REMODEL · 95 CRI · WET LISTED



4". 5". & 6" COBALT SERIES RETROFIT UNIT

YPE	APERTURE	TRIM	TEMP	FINISH / FLANGE	OPTION
NLCBC Cobalt Series	4 4-inch	53 Sq. Round 55 Sq. Pinhole 56 Sq. Regress 51D Deep Ref. 52D Deep Baffle	27 2700K 30 3000K 40 4000K	BZ Bronze / Bronze DW Diffuse / White HZW Haze / White WW White / White 453 & 455 available in	LE2 LE4* EM**
	5 5-inch 6 6-inch	51 Reflector 52 Baffle		White only	

Example: NLCBC-45630WW - 4" Cobalt Square Regress Retrofit, 3000K, White Reflector, White Flange

COMPATIBLE HOUSINGS for Cobalt Retrofit

New Construction

NS-401QAT 4" AT Line Voltage

NSIC-401QAT 4" ICAT Line Voltage

NHIC-4G24AT 4" ICAT GU24†

NHIC-4LMRAT 4" ICAT Dedicated LED

NHIC-4LMRAT/277 4" ICAT Ded. LED, 277V

NH-501QAT 5" ATLine Voltage

NHIC-501QAT 5" ICAT Line Voltage

NHIC-5G24ATFL 5" ICAT GU24†

NHIC-5LMRAT 5" ICAT Dedicated LED

NHIC-527LMRAT 5" ICAT Shallow Ded. LED NHIC-5LMRAT/277 5" ICAT Ded. LED, 277V

NH-26QAT 6" AT Line Voltage NH-26QNBAT 6" AT Line Voltage (No

NHIC-17QAT 6" ICAT Line Voltage NHIC-17QNBAT 6" ICAT Line Volt (No

Bracket) NHIC-6G24ATFL 6" ICAT GU24†

NHIC-6LMRAT 6" ICAT Dedicated LED

NHIC-27LMRAT 6" ICAT Shallow Ded. LED NHIC-6LMRAT/277 6" ICAT Ded. LED. 277V Remodel

NSR-404QAT 4" AT Line Voltage

NHRIC-4G24AT 4" ICAT GU24[†] NHRIC-4LMRAT 4" ICAT Dedicated LED

NHRIC-4LMRAT/277* 4" ICAT Ded. LED, 277V

NHR-504Q 5" AT Line Voltage

NHRIC-504QAT 5" ICAT Line Voltage

NHRIC-5G24ATFL 5" ICAT GU24[†] NHRIC-5LMRAT 5" ICAT Dedicated LED

NHRIC-527LMRAT 5" ICAT Shallow Ded. LED

NHRIC-5LMRAT/277 5" ICAT Ded. LED, 277

NHR-26Q 6" Line Voltage

NHRIC-17QAT 6" ICAT Line Voltage

NHRIC-17QNBAT 6" ICAT Line Volt (No Bracket)

NHRIC-6G24ATFL 6" ICAT GU24†

NHRIC-6LMRAT 6" ICAT Dedicated LED NHRIC-27LMRAT 6" ICAT Shallow Ded. LED

NHRIC-6LMRAT/277 6" ICAT Ded. I FD. 277

Fire Box

NFBIC-4INCAT 4" ICAT Fire Box NFBIC-4LMRAT 4" ICAT De LED Fire Box

NFBIC-5INCAT 5" ICAT Fire Box NFBIC-5LMRAT 5" ICAT Ded LED Fire Box

NFBIC-6INCAT 6" ICAT Fire Box NFBIC-6LMRAT 6" ICAT Ded LED Fire Box

^{**} Requires NHIC-(size) LMRAT/EM Housing (Includes Battery and remote test switch)



[†]Requires NRA-212SM - GU24 adaptor

 ^{*} Requires NHIC-(size) LMRAT/4W Housing

Cobalt Click

RETROFIT, NEW CONSTRUCTION AND REMODEL ECONOMY LED DOWNLIGHT

750 LUMEN



by Nora and others

Wet Location Listed

cULus Listed

Reflector, Baffle, Square, Wall Wash

and Adjustable

LED COBALT CLICK SERIES 4"RETROFIT 750 LUMEN



RETROFIT, NEW CONSTRUCT & REMODEL · 95 CRI · WET LISTED

Nora's New Cobalt Click series offers the end user, distributor, and Nora the quick flexibility to supply over 50 trim variations quickly. The Cobalt Click Series trims simply "Click" in place on the Cree LED engine allowing Nora, the end user or distributor to easily change from a standard trim to an application specific trim. The Cobalt Click is available in standard 120V, 277V, 0-10V dimming and EM configurations. The Click on trims are available in reflector, baffle, square, wall wash and adjustable styles in various finishes making the Nora Cobalt Click the most versatile LED Retrofit on the market today.



NLCBC2-450

NLCBC2-456

NLCBC2-455

Each Cobalt unit includes a medium base socket for easy retrofitting

4"COBALT CLICK SERIES RETROFIT UNIT

TYPE	APERTURE	TRIM	TEMP	FINISH	VOLTAGE
NLCBC2 Cobalt Series	4 4-inch	51 Reflector 52 Baffle 53 Sq. Round 55 Sq. Pinhole 56 Sq. Regress 50 Wall Wash.	27 2700K 30 3000K 40 4000K	See below	LE2 277V LE4* 0-10V EM** Emer- gency

	BB	BW	BZ	CO	DW	HZW	NN	WW
51	•	•	•	•	•	•	•	•
52	•	•	•				•	•
53			•		•	•		•
55	•		•				•	•
56	•	•	•		•	•	•	•
50	•	•	•		•	•	•	•

Example: NLCBC2-45130WW - 4" Cobalt Click Series Retrofit, 3000K, White Reflector, White Flange

COMPATIBLE HOUSINGS for 4" Cobalt Retrofit

New Construction

NS-401QAT 4" AT Line Voltage NSIC-401QAT 4" ICAT Line Voltage
NHIC-4G24AT 4" ICAT GI 24

NHIC-4LMRAT 4" ICAT Dedicated LED

NHIC-4LMRAT/277 4" ICAT Ded. LED, 277V

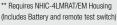
Remodel

NSR-404QAT 4" AT Line Voltage NSRIC-404QAT 4" ICAT Line Voltage NHRIC-4G24AT 4" ICAT GIJ24

NHRIC-4LMRAT 4" ICAT Dedicated LED NHRIC-4LMRAT/277 4" ICAT Ded. LED, 277V

Fire Box

NFBIC-4INCAT 4" ICAT Fire Box
NFBIC-4LMRAT 4" ICAT De LED Fire Box



* Requires NHIC-4LMRAT/4W Housing

























LED COBALT CLICK SERIES **PENDING** 5"& 6" RETROFIT 750 LUMEN

RETROFIT, NEW CONSTRUCT & REMODEL · 95 CRI · WET LISTED





NLCBC2-651WW







NLCBC2-653WW

NLCBC2-556WW

5", & 6" COBALT SERIES RETROFIT UNIT

TYPE	APERTURE		TRIM			TEMP	FIN	IISH	VOLTAGE
NLCBC2 Cobalt Series	5 5-inch 6 6-inch	52 53 55 56	Reflector Baffle Sq. Round Sq. Pinhol Sq. Regre: Vall Wash	e ss	30	2700K 3000K 4000K	See k	pelow	LE2 277V LE4* 0-10V EM** Emergency
	BB	BW	BZ	CO		DW	HZW	NN	WW

	BB	BW	BZ	CO	DW	HZW	NN	WW
51	•	•	•	•	•	•	•	•
52	•	•	•				•	•
53			•		•	•		•
55	•		•				•	•
56	•	•	•		•	•	•	•
50	•	•	•		•	•	•	•

Example: NLCBC2-65130WW - 6" Cobalt Series Retrofit, 3000K, White Reflector, White Flange

COMPATIBLE HOUSINGS for 5" & 6" Cobalt Retrofit

New Construction

NH-501QAT 5" ATLine Voltage NHIC-501QAT 5" ICAT Line Voltage NHIC-5G24ATFL 5" ICAT GU24[†] NHIC-5624AFE 5 IOAT GOZ:
NHIC-5LMRAT 5" ICAT Dedicated LED
NHIC-527LMRAT 5" ICAT Shallow Ded. LED NHIC-5LMRAT/277 5" ICAT Ded. LED, 277V

NH-26QAT 6" AT Line Voltage NH-26QNBAT 6" AT Line Voltage (No Bracket)
NHIC-17QAT 6" ICAT Line Voltage
NHIC-17QNBAT 6" ICAT Line Volt (No Bracket)
NHIC-6G24ATFL 6" ICAT GU24† NHIC-6LMRAT 6" ICAT Dedicated LED NHIC-27LMRAT 6" ICAT Shallow Ded. LED NHIC-6LMRAT/277 6" ICAT Ded. LED, 277V

†Requires NRA-212SM - GU24 adaptor

Remodel

NHR-504Q 5" AT Line Voltage NHRIC-504Q 5" AI LINE VOITAGE
NHRIC-56Q4ATE 5" ICAT Line Voltage
NHRIC-56Q4ATE 5" ICAT GU24†
NHRIC-5LMRAT 5" ICAT Dedicated LED
NHRIC-527LMRAT 5" ICAT Shallow Ded. LED NHRIC-5LMRAT/277 5" ICAT Ded. LED, 277

NHR-260, 6" Line Voltage
NHRIC-17QAT 6" (CAT Line Voltage
NHRIC-17QAS 6" ICAT Line Volt (No Bracket)
NHRIC-6624AFTL 6" ICAT Line Volt (No Bracket)
NHRIC-6BURAT 6" ICAT Dedicated LED
NHRIC-27LMRAT 6" ICAT Shallow Ded. LED
NHRIC-6LMRAT/277* 6" ICAT Ded. LED, 277

Fire Box

NFBIC-5INCAT 5" ICAT Fire Box NFBIC-5LMRAT 5" ICAT Ded LED Fire Box NFBIC-6INCAT 6" ICAT Fire Box NFBIC-6LMRAT 6" ICAT Ded LED Fire Box



^{*} Requires NHIC-4LMRAT/4W Housing

^{**} Requires NHIC-4LMRAT/EM Housing (Includes Battery and remote test switch)

LED COBALT CLICK SERIES



4". 5"& 6" ADJUSTABLE RETROFIT 750 LUMEN

RETROFIT, NEW CONSTRUCT & REMODEL · 95 CRI



5", & 6" COBALT CLICK SERIES RETROFIT UNIT

TYPE	APERTURE	TRIM	TRIM TEMP		VOLTAGE
NLCBC2 Cobalt Series	4 4-inch5 5-inch6 6-inch	57D Deep Regress Baffle Adjustable 59D Deep Regress Reflector Adjustable	27 2700K30 3000K40 4000K	WW White BZ Bronze DW Diffused HZ Haze WW White	LE2 277V LE4* 0-10V EM** Emergency

Example: NLCBC2-65427WW- 6" Cobalt Click Series Retrofit, 2700K, Surface Adjustable, White finish

COMPATIBLE HOUSINGS for 4", 5" & 6" Cobalt Click Retrofit

New Construction

NS-401QAT 4" AT Line Voltage

NSIC-401QAT 4" ICAT Line Voltage

NHIC-4G24AT 4" ICAT GU24

NHIC-4LMRAT 4" ICAT Dedicated LED NHIC-4LMRAT/277 4" ICAT Ded. LED, 277V

NH-501QAT 5" ATLine Voltage

NHIC-501QAT 5" ICAT Line Voltage

NHIC-5G24ATFL 5" ICAT GU24†

NHIC-5LMRAT 5" ICAT Dedicated LED NHIC-527LMRAT 5" ICAT Shallow Ded. LED

NHIC-5LMRAT/277 5" ICAT Ded. LED. 277V

NH-26QAT 6" AT Line Voltage NH-26QNBAT 6" AT Line Voltage (No Bracket)

NHIC-17QAT 6" ICAT Line Voltage

NHIC-17QNBAT 6" ICAT Line Volt (No Bracket)

NHIC-6G24ATFL 6" ICAT GU24†

NHIC-6LMRAT 6" ICAT Dedicated LED

NHIC-27LMRAT 6" ICAT Shallow Ded. LED NHIC-6LMRAT/277 6" ICAT Ded. LED. 277V

†Requires NRA-212SM - GU24 adaptor

* Requires NHIC-4LMRAT/4W Housing

** Requires NHIC-4LMRAT/EM Housing (Includes Battery and remote test switch) Remodel

NSR-404QAT 4" AT Line Voltage

NHRIC-4G24AT 4" ICAT GU24

NHRIC-4LMRAT 4" ICAT Dedicated LED

NHRIC-4LMRAT/277 4" ICAT Ded. LED, 277V

NHR-504Q 5" AT Line Voltage

NHRIC-504QAT 5" ICAT Line Voltage NHRIC-5G24ATFL 5" ICAT GU24†

NHRIC-5LMRAT 5" ICAT Dedicated LED NHRIC-527LMRAT 5" ICAT Shallow Ded. LED

NHRIC-5LMRAT/277 5" ICAT Ded. LED, 277

NHR-26Q 6" Line Voltage

NHRIC-17QAT 6" ICAT Line Voltage

NHRIC-17QNBAT 6" ICAT Line Volt (No Bracket)

NHRIC-6G24ATFI 6" ICAT GU24†

NHRIC-6LMRAT 6" ICAT Dedicated LED

NHRIC-27LMRAT 6" ICAT Shallow Ded. LED NHRIC-6LMRAT/277 6" ICAT Ded. LED, 277

Fire Box

NFBIC-4INCAT 4" ICAT Fire Box

NFBIC-4LMRAT 4" ICAT De LED Fire Box

NFBIC-5INCAT 5" ICAT Fire Box

NFBIC-5LMRAT 5" ICAT Ded LED Fire Box

NFBIC-6INCAT 6" ICAT Fire Box NFBIC-6LMRAT 6" ICAT Ded LED Fire Box



























LED Onyx

RETROFIT, NEW CONSTRUCTION AND REMODEL ECONOMY LED DOWNLIGHT

650-750 LUMEN

The New Nora Onyx Series is a quality builder series LED downlight for Retrofit, New Construction or Remodel applications. Supported by Nora's world class service the Onyx is an excellent economical residential solution to energy effcient LED lighting. cULus listed for wet location and Energy Star listed the Onyx produces 650 (4") and 750 (5/6") lumens at 90+ CRI using Samsung LEDs.



FEATURES

- · 5 year limited warranty
- · Deep set optics
- · Available in 4" and 5"/6" apertures
- · 90+ CRI
- · 4" 650 Lumen / 10 watt
- $\cdot 5''/6'' 750$ Lumen / 12 watt
- · 2700K and 3000K CCT
- · Baffle and Reflector styles
- · White Finish

- Dimmable
- · Includes Medium Base socket for easy retrofitting
- Small disconnect compatible with most dedicated housing by others.
- · 36,000 Hour Life
- · Energy Star rated
- · cULus listed for Wet location
- · Title 24 Compliant

LED ONYX SERIES

4" (650Lm) & 5/6" (750Lm) RETROFIT

RETROFIT, NEW CONSTRUCT & REMODEL · 95 CRI · WET LISTED





NOX-432WW



NOX-5631WW



NOX-5632WW

4". 5"/ 6" ONYX SERIES RETROFIT UNIT

TYPE	APERTURE	TRIM	TEMP	FINISH	VOLTAGE
NOX Onyx Series	4 4-inch 56 5-inch & 6-inch	31 Reflector 32 Baffle	27 2700K30 3000K40 4000K	WW White	120V

Example: NOX-43130WW - 4" Onyx Series Retrofit, 3000K, White Reflector, White Flange

COMPATIBLE HOUSINGS for Onyx 4" & 5"/6" Retrofit

New Construction NS-401QAT 4" AT Line Voltage NSIC-401QAT 4" ICAT Line Voltage NHIC-4G24AT 4" ICAT GU24[†] NHIC-4LMRAT 4" ICAT Dedicated LED NHIC-4LMRAT/277* 4" ICAT Ded. LED, 277V

NH-501QAT 5" ATLine Voltage NHIC-501QAT 5" ICAT Line Voltage NHIC-5G24ATFL 5" ICAT GU24† NHIC-52MRAT 5" ICAT Dedicated LED
NHIC-527LMRAT 5" ICAT Shallow Ded. LED NHIC-5LMRAT/277 5" ICAT Ded. LED, 277V

NH-26QAT 6" AT Line Voltage NH-26QNBAT 6" AT Line Voltage (No Bracket) NHIC-17QAT 6" ICAT Line Voltage NHIC-17QNBAT 6" ICAT Line Volt (No Bracket) NHIC-6G24ATFL 6" ICAT GU24[†] NHIC-6LMRAT 6" ICAT Dedicated LED NHIC-27LMRAT 6" ICAT Shallow Ded. LED NHIC-6LMRAT/277 6" ICAT Ded. LED, 277V

†Requires NRA-212SM - GU24 adaptor

NSR-404QAT 4" AT Line Voltage NHRIC-4G24AT 4" ICAT GU24† NHRIC-4LMRAT 4" ICAT Dedicated LED NHRIC-4LMRAT/277* 4" ICAT Ded. LED, 277V

NHR-504Q 5" AT Line Voltage NHRIC-504QAT 5" ICAT Line Voltage NHRIC-5G24ATFL 5" ICAT GU24† NHRIC-5LMRAT* 5" ICAT Dedicated LED NHRIC-527LMRAT* 5" ICAT Shallow Ded. LED NHRIC-5LMRAT/277* 5" ICAT Ded. LED. 277

NHR-26Q 6" Line Voltage NHRIC-17QAT 6" ICAT Line Voltage NHRIC-17QAT 6 "ICAT Line Volt (No Bracket)
NHRIC-6624ATE. 6" ICAT GU24'
NHRIC-6LMRAT 6" ICAT Dedicated LED
NHRIC-27LMRAT 6" ICAT Shallow Ded. LED NHRIC-6LMRAT/277 6" ICAT Ded. LED, 277

Fire Box

NFBIC-4INCAT 4" ICAT Fire Box NFBIC-4LMRAT 4" ICAT De LED Fire Box

NFBIC-5INCAT 5" ICAT Fire Box NFBIC-5LMRAT 5" ICAT Ded LED Fire Box

NFBIC-6INCAT 6" ICAT Fire Box NFBIC-6LMRAT 6" ICAT Ded LED Fire Box





















LED Opal

RETROFIT, SURFACE OR RECESSED MOUNT ECONOMY LED DOWNLIGHT



Simple Installation for Retrofit or New Construction

SURFACE INSTALLATION INTO JUNCTION BOX

- 1. Wire pigtail with quick-connect.
- 2. Connect quick-connect to Opal.
- 3. Use key-hole slots to screw Opal into place.
- 4. Remove protective diode shield and twist lens into place.

RECESSED INSTALLATION INTO HOUSING

- 1. For retrofit applications, remove existing trim and lamp.
- 2. Attach torsion springs to Opal.
- 3. Screw in medium socket and connect.
- Pinch torsions springs into holders on housing and gently move Opal into place, secure against the ceiling.
- 5. Remove protective diode shield and twist lens into place.



LED OPAL SERIES 6" RETROFIT 800 LUMEN

RETROFIT, SURFACE OR RECESSED MOUNT · 90+ CRI · WET LISTED

The Opal Series LED fixture is designed to surface mount over a standard J-Box or is suitable for use with a 5" or 6" recessed housing by Nora or others. The Opal produces even illumination with no diode image, from bright to dim. The low profile unit is cULus wet listed and produces 800 lumens at 90+ CRI. Available in three finishes the Opal is an excellent energy efficient lighting solution for laundry rooms, closets, pantries, hallways and showers in residential and commercial retrofit or new construction applications.

FEATURES

- 800 Lumens / 12.5 Watts
- · High Color Rendition CRI 90+
- · 2700K and 3000K color temps
- Nora designed, precision molded lens provides optimal lumen output and even distribution
- White polymer lens diffuser eliminates diode image, even when dimmed
- Fits most 4" junction boxes with a minimum 2-1/8" depth

- Includes medium base socket for easy retrofitting in a 5" or 6" recessed housing
- White, Natural Metal and Bronze finishes
- · Dimmable down to 5%
- · Low, 1" profile, 7-1/4" diameter
- · 5-Year limited warranty
- · Energy Star and Title 24 listed
- · cULus listed for wet location





6" OPAL SERIES		
TYPE	TEMP	FINISH / FLANGE
NLOP-R6509 Opal Series	27 2700K 30 3000K	BZ Bronze NM Natural Metal W White
Example: NLOP-R650927W - 6"	Opal Series, 2700K, Whit	e Finish

INCLUDED WITH EACH OPAL FIXTURE:

Medium Base Socket

Torsion Spring and Bracket Kit
for easy retrofitting with 5" or 6 recessed housing

Quick-Connect Pigtail
for dedicated and quick installation with a 4" J-box

VERSA RECESSED SERIES LED COMPATIBLE LOW VOLTAGE

MR16 LED / HALOGEN COMPATIBLE DOWNLIGHTS

Nora Lighting's Versa Series of MR16 low voltage electronic recessed downlights are compatible with MR16 LED or halogen lamps. Versa Recessed is available in 3", 4", 6" and 6" Retrofit kit with an expansive selection of trim styles and finishes. For a complete list of available trims, refer to low voltage section, starting on page 100. Downlights available with 120V or 277V electronic transformer. Includes quick connects.

3" VERSA HOUSINGS for trims see page 117



NLIC-301AT/1EL* 3W-50W 120V Electronic TRUE 3" IC Airtight Low Voltage Housing Dia: 3" Depth: 8-1/8"

NL-301AT/1EL* 3W-50W 120V Electronic TRUE 3" Airtight Low Voltage Housing Dia: 3" Depth: 4-1/2"

NLR-304AT/1EL* 3W-50W 120V Electronic TRUE 3" Airtight Low Voltage Remodel Dia: 3" Depth: 4-5/8"

*Available in wattage reduced 20W (/20) and 37W (/37)

4" VERSA HOUSINGS for trims see page 121



- NLIC-401AT/1EL* 3W-50W 120V Electronic 4" IC Airtight Low Voltage Housing Dia: 4-3/8" Depth: 7-1/4" (120V) 7-1/2" (277V)
- NLIC-402AT/1EL* 3W-50W 120V Electronic 4" Shallow IC Airtight Low Voltage Housing Dia: 4-3/8" Depth: 5-3/8" (120V)



- NL-401AT/1EL* 3W-50W 120V Electronic NL-402S/1EL* 3W-50W 120V Electronic Shallow 4" Low Voltage Housing Dia: 4-3/8" Depth: 5-1/2" / 3-1/2" (Shallow)
- NLR-404AT/1EL* 3W-50W 120V Electronic NLR-403S/1EL* 3W-50W 120V Electronic Shallow
- **4" Low Voltage Remodel**Dia: 4-3/8" Depth: 5-5/8" / 3-1/2" (Shallow)

¢∰ıs

VERSA RECESSED SERIES LED COMPATIBLE LOW VOLTAGE

MR16 LED / HALOGEN COMPATIBLE DOWNLIGHTS

4" VERSA SQUARE HOUSINGS for trims see page 118

- NLIC-408AT/1EL* 3W-50W 120V Electronic 4" Q4 Square Double Wall IC Airtight Low Voltage Housing Width: 5" Depth: 5"
- NL-408 AT/1EL* 3W-50W 120V Electronic 4" Q4 Square Low Voltage Housing Width: 5" Depth: 5"
- NLR-409AT/1EL* 3W-50W 120V Electronic 4" Q4 Square Low Voltage Remodel Housing Width: 4" Depth: 5-1/4"





6" VERSA HOUSINGS for trims see page 125

■ NLIC-601/1EL 3W-50W 120V Electronic 6" IC Airtight Low Voltage Housing Dia: 6-3/8" Depth: 7-3/4"

NL-601/1EL 3W-50W 120V Electronic 6" Low Voltage Housing Dia: 6-3/8" Depth: 7-1/2"

NLR-604/1EL 3W-50W 120V Electronic NLR-604/2EL 3W-50W 277V Electronic 6" Low Voltage Remodel

Dia: 6-3/8" Depth: 7-1/2"



MR16 LED VERSA LAMP OPTIONS

Add lamp code /E01, /E02, /E03 or /E04 to end of housing to include lamp.

MR16 LED VERSA LAMP

/E01 LED MR16, 7W, 27K Spot (25°)

/E02 LED MR16, 7W, 27K Flood (35°)

/E03 LED MR16, 7W, 30K Spot (25°)

/E04 LED MR16, 7W, 30K Flood (35°)

Note: 7W LED is equivallent to 50W Halogen



Compact Fluorescent

ARCHITECTURAL · COMMERCIAL · ECONOMY



Nspec offers a wide selection of CFL downlights. 4", 6" and 8" aperture commercial and architectural products with deep drawn reflectors in both horizontal and vertical orientations meet specifiers requirements. For light commercial and residential applications, Nora offers a full range of 4", 5" and 6" apertures with a full selection of trims and reflectors. Additionally, Nora can build your CFL downlight to your dimming and/or emergency specification in our state of the art assembly department. In today's "just in time" requirements, Nora is your source for CFL downlights.

4" CFL ARCHITECTURAL & COMMERCIAL VERTICAL QUAD/TRIPLE TUBE FRAME-INS

SINGLE LAMP 26W - 42W

4" Triple Tube Vertical CF Frame-Ins for one 26W, 32W or 42W lamp. Available in electronic ballast with Universal (120V-277V) input, with a choice of dimming ballast from 26-42W. Emergency backup available - see page 314.



4" Architectural Frame-In NHPV4 Series - Triple Tube Vertical CFL Dia: 4-1/2" Depth: 9"



4" Commercial Frame-In NH4PV Series - Triple Tube Vertical CFL L: 12" W: 7-3/4" Dia: 4-1/2" Depth: 9"

LIGHTING TIP

While LED has taken over much of the CFL business, CFL still offers excellent energy efficiency and unlike LED dedicated downlights, the Kelvin temperature can be chosen or simply changed at any time during the construction process.





M7







4" QUAD/TRIPLE TUBE CF VERTICAL FRAME-IN

FRAME TYPE	# LAMPS	WATTAGE	BALLAST	EMERGENCY
NHPV-4 Architectural NH4PV- Commercial	One	2642 26W-42W		/EM 650 lm /EM2 1300 lm /EMI 650 lm, Integral Switch

Example: NHPV4-2642EL - 4" Quad/Triple Tube Architectural Vertical Frame-In, one 26W to 42W Lamp, Electronic

OPTIONAL DIMMING A variety of dimming ballast options are available in 13W to 42W. Each option requires a dimming controller that is compatible.

D10 Universal Super Dim 0-10V / 4-wire, 120V-277V, (1) 13W-42W or (2) 13W-26W* Advance Mark 7 0-10V / 4-wire, 120V-277V, (1) or (2) 13W-42W

MX1 Advance Mark 10 120V / 2-wire, (1) or (2) 18W-42W

MX2 Advance Mark 10 277V / 2-wire. (1) or (2) 18W-42W

DAS Advance AmbiStar 120V / 2-wire, (1) 26W-42W or (2) 26W*

ECO Lutron 5% 120V/277V / 3-wire, (1) or (2) 18W-42W

L11 Lutron Hi-Lume 1% 120V / 3-wire, (1) or (2) 18W-42W

Lutron Hi-Lume 1% 277V / 3-wire, (1) or (2) 18W-42W

4" CFL ARCHITECTURAL & COMMERCIAL VERTICAL DEEP CONE REFLECTORS

QUAD / TRIPLE TUBE 26W - 42W

Deep Drawn Aluminum Reflectors feature high quality plated and painted finishes and are offered with white flanges. Nora's reflectors are manufactured to give the highest possible efficiency.



Vertical Reflector w/Baffle NTS-430CWF



Vertical Reflector NTS-431CWF



Vertical Reflector for Deco Glass (Deco. Glass sold Seperately)

NTS-438CWF



Deco. Glass Option

NTG-4B/80 4" Tempered Blue Glass with 3-1/8 Open Center NTG-4CF 4" Tempered Clear Glass with Frost Center

NTG-4FC 4" Tempered Frosted Glass with Clear Center

NTG-4HC 4" Tempered Clear Glass with Frosted Center & 3-1/8 Open Center



6" CFL ARCHITECTURAL & COMMERCIALVERTICAL QUAD/TRIPLE TUBE **FRAME-INS**

SINGLE 13W - 42W LAMP

6" Vertical CF Frame-Ins with electronic ballast for single CF 13W, 18W, 26W, 32W and 42W Quad/Triple Tube lamps. Electronic ballast has Universal (120V-277V) input. Variety of dimming ballast options from 13W-42W available.



6" Architectural Frame-In NHPV-6 Series - Quad/Triple Vertical CFL (Hanger Bars ordered separately) Dia: 6-3/8" Depth: 10-1/2"



6" Commercial Frame-In
NHPV Series - Quad/Triple Vertical CFL
Dia: 6-3/8" Depth: 10-1/2"



6" Remodel Frame-In NHRPV-6 Series - Quad/Triple Vertical CFL Dia: 6-3/8" Depth: 9-3/4"



LIGHTING TIP

Vertical deep cone reflectors are good for higher ceilings but require more plenum space and tighter spacing for even light distribution. Horizontal deep cone reflectors require less plenum space and generally produce a wider beam spread.

6" QUAD / TRIPLE TUBE CF VERTICAL FRAME-IN

FRAME TYPE	LAMP WATTAGE	BALLAST	EMERGENCY
NHPV-6 Architectural NHPV- Commercial NHRPV-6 Remodel	13 13W 18 18W 2642 26W-42W	EL 120-277V Electronic	EM 650 lm EM2 1300 lm EMI 650 lm, Integral Switch

Example: NHPV-62642EL - 6" Quad / Triple Tube Architectural Vertical Frame-In, 26W to 42W Lamp, Electronic

OPTIONAL DIMMING A variety of dimming ballast options are available in 13W to 42W. Each option requires a dimming controller that is compatible.

D10 Universal Super Dim 0-10V / 4-wire, 120V-277V, (1) 13W-42W or (2) 13W-26W*

M7 Advance Mark 7 0-10V / 4-wire, 120V-277V, (1) or (2) 13W-42W

MX1 Advance Mark 10 120V / 2-wire, (1) or (2) 18W-42W

MX2 Advance Mark 10 277V / 2-wire, (1) or (2) 18W-42W

DAS Advance AmbiStar 120V / 2-wire, (1) 26W-42W or (2) 26W*

ECO Lutron 5% 120V/277V / 3-wire, (1) or (2) 18W-42W

L11 Lutron Hi-Lume 1% 120V / 3-wire, (1) or (2) 18W-42W

L12 Lutron Hi-Lume 1% 277V / 3-wire, (1) or (2) 18W-42W



6" CFL ARCHITECTURAL & COMMERCIAL VERTICAL DEEP CONE REFLECTORS

QUAD / TRIPLE TUBE 13W-42W

Deep Drawn Aluminum Reflectors feature high quality plated and painted finishes and are offered with separate trim rings or can be self-flanged. Nora Lighting reflectors are manufactured to give the highest possible efficiency.



Open Reflector
NTS-731G
B, C, CLISF, CLIWF, CWF,
G, W



Reflector with Baffle NTS-730B B, W



Cross Louver NTS-737G C, G



Open Single Wall Wash NTS-739SC Clear



Open Double Wall Wash NTS-739DC Clear



Wall Wash with Lensed Reflector NTS-736C C, G



Wall wash with Baffle NTS-734B B, W



Regressed Albalite Lens with Baffle NTS-732B B, W



Regressed Fresnel Lens with Baffle NTS-743W W



Regressed Drop Opal with Baffle NTS-735B B, W



Reflector with Flush Lens NTS-733CL CL-Clear Lens, FL-Frost Lens



Reflector for Decorative Glass NTS-738C NTG-6 Glass sold separately See page 152 for options

cc Custom Combo: Available with custom combinations of reflector and plastic and metal ring finish. See page 26 for details.

Reflector Finishes: B-Specular Black, C-Specular Clear, CLISF-Specular Clear Low Iridescence with Self Flange, CLIWF-Specular Clear Low Iridescence with White Flange, C-Specular Clear with White Flange, G-Specular Gold, W-Specular White

Baffle Finishes: B-Specular Clear Reflector with Black Baffle, W-Specular Clear Reflector with White Baffle

Trim Ring Finishes: B-Black, BZ-Bronze, C-Chrome, CO-Copper, G-Gold, N-Natural Metal, W-White

6" CFL ARCHITECTURAL & COMMERCIAL HORIZONTAL TRIPLE TUBF FRAME-INS

SINGLE LAMP 13W - 42W

6" Triple Tube CF Frame-Ins for one 13W, 18W, 26W, 32W or 42W lamp. Available in electronic ballast with Universal (120V-277V) input, with a choice of dimming ballast from 18-42W. Emergency backup available.



6" Architectural Frame-In NHPT6 Series - Triple Tube Horizontal CFL Dia: 6-3/8" Depth: 5-1/2"



6" Commercial Frame-In NHPT Series - Triple Tube Horizontal CFL Dia: 6-3/8" Depth: 5-1/2"



6" Remodel Frame-In NHRPT6 Series - Triple Tube Horizontal CFL Dia: 6-3/8" Depth: 7-1/2"

LIGHTING TIP

While LED has taken over much of the CFL business, CFL still offers excellent energy efficiency and unlike LED dedicated downlights, the Kelvin temperature can be chosen or simply changed at any time during the construction process.



6" TRIPLE TUBE CF HORIZONTAL FRAME-IN

FRAME TYPE	LAMP WATTAGE	BALLAST	EMERGENCY
NHPT6- Architectural NHPT- Commercial NHRPT6- Remodel	13 13W 18 18W 2642 26W-42W	EL 120-277V Electronic	EM 650 lm EM2 1300 lm EMI 650 lm, Integral Switch

Example: NHPT6-12642EL - 6" Triple Tube Architectural Horizontal Frame-In, one 26W to 42W Lamp, Electronic

OPTIONAL DIMMING A variety of dimming ballast options are available in 13W to 42W. Each option requires a dimming controller that is compatible.

D10 Universal Super Dim 0-10V / 4-wire, 120V-277V, (1) 13W-42W or (2) 13W-26W*

Advance Mark 7 0-10V / 4-wire, 120V-277V, (1) or (2) 13W-42W MX1 Advance Mark 10 120V / 2-wire, (1) or (2) 18W-42W

MX2 Advance Mark 10 277V / 2-wire, (1) or (2) 18W-42W

DAS Advance AmbiStar 120V / 2-wire, (1) 26W-42W or (2) 26W*

ECO Lutron 5% 120V/277V / 3-wire, (1) or (2) 18W-42W

L11 Lutron Hi-Lume 1% 120V / 3-wire, (1) or (2) 18W-42W

L12 Lutron Hi-Lume 1% 277V / 3-wire, (1) or (2) 18W-42W

M7

6" CFL ARCHITECTURAL & COMMERCIAL HORIZONTAL QUAD TUBE FRAME-INS

SINGLE OR DUAL LAMP 13W - 42W

6" Horizontal CF Frame-Ins for one or two 13W, 18W or 26W lamps. Available in electronic ballast with Universal (120V-277V) input. Variety of dimming ballast options available. Please match appropriate fixture with compatible dimming control. Emergency backup available.



6" Architectural Frame-In NHP6 Series - Quad Horizontal CFL (Hanger Bars ordered separately) Dia: 6-3/8" Depth: 5-1/2" 6" Commercial Frame-In NHP Series - Quad Horizontal CFL Dia: 6-3/8" Depth: 5-1/2"



6" Commercial IC Frame-In NHRP6 Series - Quad Horizontal CFL Dia: 6-3/8" Depth: 9-1/2" 6" Remodel Frame-In NHRP6 Series - Quad Horizontal CFL Dia: 6-3/8" Depth: 7-1/2"



6" QUAD CF HORIZONTAL FRAME-IN

FRAME TYPE	# LAMPS	WATTAGE	BALLAST	EMERGENCY
NHP6- Architectural NHP- Commercial NHPIC- Commercial IC* NHRP6- Remodel	1 One 2 Two	13 13W 18 18W 26 26W	EL 120-277V Electronic	EM 650 lm EM2 1300 lm EMI 650 lm, Integral Switch

* Note: NHPIC Commercial IC two lamp unit only available in 13W and 18W

Example: NHPT6-126EL - 6" Triple Tube Arch. Horizontal Frame-In, 26W Lamp, Electronic

OPTIONAL DIMMING A variety of dimming ballast options are available in 13W to 42W. Each option requires a dimming controller that is compatible.

D10 Universal Super Dim 0-10V / 4-wire, 120V-277V, (1) 13W-42W or (2) 13W-26W* M7 Advance Mark 7 0-10V / 4-wire, 120V-277V, (1) or (2) 13W-42W

MX1 Advance Mark 10 120V / 2-wire, (1) or (2) 18W-42W

MX2 Advance Mark 10 277V / 2-wire, (1) or (2) 18W-42W

DAS Advance AmbiStar 120V / 2-wire, (1) 26W-42W or (2) 26W*

ECO Lutron 5% 120V/277V / 3-wire, (1) or (2) 18W-42W

L11 Lutron Hi-Lume 1% 120V / 3-wire, (1) or (2) 18W-42W

L12 Lutron Hi-Lume 1% 277V / 3-wire, (1) or (2) 18W-42W

6" CFL ARCHITECTURAL & COMMERCIAL HORIZONTAL DEEP CONE **REFLECTORS**

QUAD / TRIPLE TUBE 13W - 42W

Deep Drawn Aluminum Reflectors feature high quality plated and painted finishes and are offered with separate trim rings or can be self-flanged. Nora's reflectors are manufactured to give the highest possible efficiency.



Reflector with Baffle NTS-630B Quad NTS-650B Triple Tube B, W



Open Reflector NTS-631CLIWF Quad NTS-651C Triple Tube B, C, CLISF, CLIWF, CWF, G, W



Reflector Cross Blade NTS-637C Quad NTS-657C Triple Tube C, CLIWF, CWF



Open Single Wall Wash NTS-639SC Quad NTS-659SC Triple Tube Clear



Open Double Wall Wash
NTS-639DC Quad
NTS-659DC Triple Tube
Clear



Wall Wash w/ Lensed Refl.

NTS-636G Quad

NTS-656G Triple Tube
C, G (Quad only)



Wall Wash with Baffle NTS-634B Quad NTS-654B Triple Tube B, W



Regressed Albalite Lens with Baffle NTS-632W Quad NTS-652W Triple Tube B, W



Regressed Drop Opal NTS-635B Quad NTS-655B Triple Tube B, W



Regressed Albalite Lens with Reflector NTS-662C Triple Tube Regressed Fresnel Lens with Reflector NTS-663C Triple Tube



Flush Lens with Reflector NTS-633FL Quad NTS-653FL Triple Tube CL-Clear Lens, FL-Frost Lens



Reflector for Decorative Glass NTS-638C Quad NTS-658C Triple Tube NTG-6 Glass sold separately See page 152 for options

cc Custom Combo: Available with custom combinations of reflector and plastic and metal ring finish. See page 26 for details.

Reflector Finishes: B-Specular Black, C-Specular Clear, CLISF-Specular Clear Low Iridescence with Self Flange, CLIWF-Specular Clear Low Iridescence with White Flange, C-Specular Clear with White Flange, G-Specular Gold, W-Specular White

Baffle Finishes: B-Specular Clear Reflector with Black Baffle, W-Specular Clear Reflector with White Baffle

Trim Ring Finishes: B-Black, BZ-Bronze, C-Chrome, CO-Copper, G-Gold, N-Natural Metal, W-White

8" CFL ARCHITECTURAL & COMMERCIAL VERTICAL QUAD/TRIPLE FRAME-INS

SINGLE LAMP 13W - 42W

8" Vertical CF Frame-Ins with electronic ballast for single CF 13W, 18W, 26W, 32W and 42W Quad/Triple Tube lamps. Electronic ballast has Universal (120V-277V) input. Variety of dimming ballast options from 13W-42W available. Please match appropriate fixture with compatible dimming control. Emergency backup available.



8" Architectural Frame-In NHPV-8 Series - Quad/Triple Vertical CFL (Hanger Bars ordered separately) Dia: 8-1/4" Depth: 10-1/2"



8" Commercial Frame-In NH8PV Series - Quad/Triple Vertical CFL Dia: 8-1/4" Depth: 10-1/2"



8" Remodel Frame-In NHRPV-8 Series - Quad/Triple Vertical CFL Dia: 8-1/4" Depth: 9-3/4"



8" QUAD / TRIPLE TUBE CF VERTICAL FRAME-IN

FRAME TYPE	WATTAGE	BALLAST	EMERGENCY
NHPV-8 Architectural NH8PV- Commercial NHRPV-8 Remodel		EL 120-277V Electronic	EM 650 lm EM2 1300 lm EMI 650 lm, Integral Switch

Example: NHPV-82642EL - 8" Quad / Triple Tube Architectural Vertical Frame-In, 26W to 42W Lamp, Electronic

OPTIONAL DIMMING A variety of dimming ballast options are available in 13W to 42W. Each option requires a dimming controller that is compatible.

D10 Universal Super Dim 0-10V / 4-wire, 120V-277V, (1) 13W-42W or (2) 13W-26W*

M7 Advance Mark 7 0-10V / 4-wire, 120V-277V, (1) or (2) 13W-42W

MX1 Advance Mark 10 120V / 2-wire, (1) or (2) 18W-42W

MX2 Advance Mark 10 277V / 2-wire, (1) or (2) 18W-42W

DAS Advance AmbiStar 120V / 2-wire, (1) 26W-42W or (2) 26W*

ECO Lutron 5% 120V/277V / 3-wire, (1) or (2) 18W-42W

L11 Lutron Hi-Lume 1% 120V / 3-wire, (1) or (2) 18W-42W

L12 Lutron Hi-Lume 1% 277V / 3-wire, (1) or (2) 18W-42W

8" CFL ARCHITECTURAL & COMMERCIAL VERTICAL DEEP CONF REFLECTORS

QUAD / TRIPLE TUBE 13W - 42W

Deep Drawn Aluminum Reflectors feature high quality plated and painted finishes and are offered with separate trim rings or can be self-flanged. Nora's reflectors are manufactured to give the highest possible efficiency.



Open Reflector NTS-931C B. C. CLISF, CLIWF, G. W.



Reflector with Baffle NTS-932GB CB. CW. GB. GW



Cross Louver NTS-934C C. G



Open Single Wall Wash NTS-939SC Clear



Open Double Wall Wash NTS-939DC Clear



Wall Wash with Lensed Refl. NTS-933G C. G. W



Reflector w/ Flush Lens NTS-936CL CL-Clear Lens, FL-Frost Lens G-Glass, L-Lexan, FG-Frost



Regressed Lens w/ Reflector NTS-935G



Refl. for Decorative Glass NTS-938C NTG-8 Glass sold separately See page 152 for glass options

Reflector Finishes: B-Specular Black, C-Specular Clear, CLISF-Specular Clear Low Iridescence with Self Flange, CLIWF-Specular Clear Low Iridescence with White Flange, G-Specular Gold, W-Specular White

Baffle Finishes: CB-Black Baffle with Specular Clear Reflector, CBG-Specular Clear Reflector with Black Baffle and Clear Glass, CW-Specular Clear Reflector with White Baffle, CWP-Specular Clear Reflector with White Baffle and Prismatic Glass, GB-Black Baffle with Specular Gold Reflector, GW-White Baffle with Specular Gold Reflector

Open Trims available with hole for integral test switch, add suffix "EM"

8" CFL ARCHITECTURAL & COMMERCIAL HORIZONTAL QUAD/TRIPLE FRAME-INS

SINGLE OR DUAL LAMP 13W - 42W

8" Quad/Triple Tube Horizontal CF Frame-Ins for one or two 13W, 18W, 26W, 32W or 42W lamps. Available in electronic ballast with Universal (120V-277V) input. Variety of dimming ballast options from 13W-42W. Please match appropriate fixture with compatible dimming control. Emergency backup available.



8" Architectural Frame-In NHP8U Series - Quad/Triple Horizontal CFL (Hanger Bars ordered separately) Dia: 8" Depth: 6-1/2"



8" Commercial Frame-In NH8PU Series - Quad/Triple Horizontal CFL Dia: 8" Depth: 6-1/2"



8" Remodel Frame-In NHRP8U Series - Quad/Triple Horizontal CFL Dia: 8" Depth: 6-1/2"





8" QUAD / TRIPLE TUBE HORIZONTAL FRAME-IN					
FRAME TYPE	# LAMPS	WATTAGE	BALLAST	EMERG	
NHP8U- Architectural NH8PU- Commercial NHRP8U- Remodel		13 13W 18 18W 2642 26W-42W	EL 120-277V Electronic	EM 650 lm EM2 1300 lm EMI 650 lm, Integral Switch	

Example: NHP8U-12642EL - 8" Quad/Triple Tube Architectural Horizontal Frame-In, One 26W - 42W Lamp, Electronic

OPTIONAL DIMMING A variety of dimming ballast options are available in 13W to 42W. Each option requires a dimming controller that is compatible.

D10 Universal Super Dim 0-10V / 4-wire, 120V-277V, (1) 13W-42W or (2) 13W-26W* M7 Advance Mark 7 0-10V / 4-wire, 120V-277V, (1) or (2) 13W-42W

MX1 Advance Mark 10 120V / 2-wire, (1) or (2) 18W-42W

MX2 Advance Mark 10 277V / 2-wire, (1) or (2) 18W-42W

DAS Advance AmbiStar 120V / 2-wire, (1) 26W-42W or (2) 26W*

ECO Lutron 5% 120V/277V / 3-wire, (1) or (2) 18W-42W

L11 Lutron Hi-Lume 1% 120V / 3-wire, (1) or (2) 18W-42W

L12 Lutron Hi-Lume 1% 277V / 3-wire, (1) or (2) 18W-42W

8" CFL ARCHITECTURAL & COMMERCIAL HORIZONTAL DEEP CONE REFLECTORS

QUAD / TRIPLE TUBE 13W - 42W

Deep Drawn Aluminum Reflectors feature high quality plated and painted finishes and are offered with separate trim rings or can be self-flanged. Nora's reflectors are manufactured to give the highest possible efficiency.



Alzak® Open Reflector NTS-871CLIWF B, C, CLISF, CLIWF, G, W



Alzak® Open Reflector with Black Baffle NTS-872CB CB. GB



Alzak® Open Reflector with White Baffle NTS-872WC WC. WG



NTS-874C CLISF, CLIWF, G



Alzak® Reflector Cross Louver Open Double Wall Wash NTS-879DC Clear



Open Single Wall Wash NTS-879SC Clear



Lensed Refl. Wall Wash NTS-873C C. G



Regressed Lens w/ Reflector NTS-875L G (Glass), L (Lexan), FG (Frosted/Gold)



Flush Lens w/ Reflector NTS-876CL CL (Clear), FL (Frosted)



Regressed Lens w/ Baffle and Reflector NTS-877CBG CBG, CWP



Reflector for Decorative Glass 8" glass for NTS-878C NTS-878C Glass sold separately



NTG-8 See page 152 for options

Reflector Finishes: B-Specular Black, C-Specular Clear, CLISF-Specular Clear Low Iridescence with Self Flange, CLIWF-Specular Clear Low Iridescence with White Flange, G-Specular Gold, W-Specular White

Baffle Finishes: CB-Black Baffle with Specular Clear Reflector, GB-Black Baffle with Specular Gold Reflector, CBG-Specular Clear Reflector with Black Baffle and Clear Glass, CWP-Specular Clear Reflector with White Baffle and Prismatic Glass, WC-White Baffle with Specular Clear Reflector, WG-White Baffle with Specular Gold Reflector



4" COMPACT FLUORESCENT VERTICAL IC AT HIGH PERFORMANCE HOUSING

SINGLE 13W - 26W QUAD/TRIPLE TUBE · 120V OR 277V BALLAST

Electronic air-tight configurations meet the strict CA Title 24 Energy Code requirements and are Energy Star compliant.



NHPIC-413ELAT (1) 13W Q/T 120V NHPIC-413ATE2 (1) 13W Q/T 120/277V NHPIC-413AT (1) 13W Q/T Dimmable NHPIC-418ELAT (1) 18W Q/T 120V NHPIC-418ATE2 (1) 18W Q/T 120/277V NHPIC-418AT (1) 18W Q/T Dimmable NHPIC-426ELAT (1) 26W Q/T 120V NHPIC-426ATE2 (1) 26W Q/T 120/277V NHPIC-426AT (1) 26W Q/T Dimmable

4" New Construction IC Airtight Housing Dia: 4-1/4" Depth: 6-3/8" 18W max on lensed trims Add suffix EM for Emergency Battery Back-up with Remote Test Switch



NHRPIC-413ELAT (1) 13W Q/T 120V NHRPIC-413ATE2 (1) 13W Q/T 120/277V NHRPIC-413AT (1) 13W Q/T Dimmable NHRPIC-418ELAT (1) 18W Q/T 120V NHRPIC-418ATE2 (1) 18W Q/T 120/277V NHRPIC-418AT (1) 18W Q/T Dimmable NHRPIC-426ELAT (1) 26W Q/T 120V NHRPIC-426ATE2 (1) 26W Q/T 120/277V NHRPIC-426AT (1) 26W Q/T Dimmable

4" Remodel IC Airtight Housing Dia: 4-1/4" Depth: 6-3/8" 18W max on lensed trims



NFBPIC-413ELAT (1) 13W Q/T 120V NFBPIC-418ELAT (1) 18W Q/T 120V

4" 2-Hour Fire Rated IC Airtight Housing Dia: 4-1/4" Depth: 7-3/4"





OPTIONAL DIMMING A variety of dimming ballast options are available in 13W to 42W. Each option requires a dimming controller that is compatible.

Universal Super Dim 0-10V / 4-wire, 120V-277V, (1) 13W-42W or (2) 13W-26W* D10 M7 Advance Mark 7 0-10V / 4-wire, 120V-277V, (1) or (2) 13W-42W

Advance Mark 10 120V / 2-wire, (1) or (2) 18W-42W MX1

MX2 Advance Mark 10 277V / 2-wire, (1) or (2) 18W-42W DAS Advance AmbiStar 120V / 2-wire, (1) 26W-42W or (2) 26W*

ECO Lutron 5% 120V/277V / 3-wire, (1) or (2) 18W-42W

Lutron Hi-Lume 1% 120V / 3-wire, (1) or (2) 18W-42W L11

L12 Lutron Hi-Lume 1% 277V / 3-wire, (1) or (2) 18W-42W

4" COMPACT FLUORESCENT IC AT HIGH PERFORMANCE TRIMS



Square Cone Refl. w/ Baffle NTS-4930 BB, BZBZ, BW, COCO, NN, WW



Square Cone Reflector NTS-4931 BW, CW, GW, WW



Square Reflector Wall Wash NTS-4955 CW



Square Albalite w/ Reflector NTS-4922 18W max B, BZ, C, CO, G, N, W



Square Fresnel w/ Reflector NTS-4923 18W max B, BZ, C, CO, G, N, W



Sq. Drop Opal w/ Reflector NTS-4924 18W max B, BZ, C, CO, G, N, W



Square Frost Dome w/ Reflector NTS-4925 18W max B, BZ, C, CO, G, N, W



Square Frost Flat Lens w/ Reflector NTS-4926 18W max B, BZ, C, CO, G, N, W



Square Frost Center Lens w/ Reflector NTS-4927 18W max B, BZ, C, CO, G, N, W



Cone Reflector w/ Baffle NTS-4230 B, BZ, CO, N, W



Cone Reflector NTS-4231 B, C, G, HZ, W



Reflector NS-52 (Nat. Metal) NS-53 (Copper), BZ



Cone Reflector Wall Wash NTS-4255 CW



NTS-4238 (Clear), BZ, C, N, W NTG-4 Glass sold separately See page 152 for glass options



NTS-4224 B, BZ, C, CO, G, N, W



Cone Reflector Lens NTS-4222 Albalite 18W max NTS-4223 Fresnel 18W max B, BZ, C, CO, G, N, W



Cone Reflector Frosted Dome NTS-4225 18W max B, BZ, C, CO, G, N, W



Cone Reflector Frost Flat Lens NTS-4226 Frost 18W max NTS-4227 Center Frost 18W max B, BZ, C, CO, G, N, W



Metropolitan Glass Moon NL-495/PL B, F, P



Metropolitan Glass Stepped NL-496/PL B, F, P



NL-497/PL B, F, P

Custom Combo: Available with custom combinations of reflector and plastic and metal ring finish. See page 26 for details.

Ring Finishes for Standard Trims: B-Black, BZ-Bronze, C-Chrome, CO-Copper, G-Gold, N-Natural Metal, W-White



4" COMPACT FLUORESCENT NON-IC 13W HOUSINGS

SINGLE 13W QUAD/TRIPLE · 120-277V ELECTRONIC or 120V MAGNETIC

Electronic configurations are Energy Star compliant.



NS-406/EL Electronic (1) 13W Quad/Triple NS-406Q Magnetic (1) 13W Quad/Triple

4" Economy CF Housing
Dia: 4-3/8" Depth: 5-1/2"
Add suffix EM for Emergency Battery Back-up with
Remote Test Switch



NSR-408/EL Electronic (1) 13W Quad/Triple NSR-408Q Magnetic (1) 13W Quad/Triple

4" Economy CF Remodel Dia: 4-3/4" Depth: 5-1/2"

OPTIONAL DIMMING A variety of dimming ballast options are available in 13W to 42W. Each option requires a dimming controller that is compatible.

D10 Universal Super Dim 0-10V / 4-wire, 120V-277V, (1) 13W-42W or (2) 13W-26W*

M7 Advance Mark 7 0-10V / 4-wire, 120V-277V, (1) or (2) 13W-42W

MX1 Advance Mark 10 120V / 2-wire, (1) or (2) 18W-42W MX2 Advance Mark 10 277V / 2-wire, (1) or (2) 18W-42W

DAS Advance AmbiStar 120V / 2-wire, (1) 26W-42W or (2) 26W*

ECO Lutron 5% 120V/277V / 3-wire, (1) or (2) 18W-42W

L11 Lutron Hi-Lume 1% 120V / 3-wire, (1) or (2) 18W-42W

L12 Lutron Hi-Lume 1% 277V / 3-wire, (1) or (2) 18W-42W



4" COMPACT FLUORESCENT NON-IC 13W TRIMS



Stepped Baffle NS-40 (White), BZ, CO, N Ring: B, BZ, C, CO, G, N, W



Stepped Baffle

NS-41 (Black)

Ring: B, BZ, C, CO, G, N, W



Wall Wash
NS-50 (White/White Refl.)
NS-58 (White/Clear Refl.)



Reflector w/ Square Trim

NS-4914

Refl: B, BZ, C, CO, G, HZ, N, W

Square: B, BZ, C, CO, G, N, W



Reflector NS-42 (G) NS-43 (B) NS-44 (C), HZ NS-46 (W) NS-52 (N) NS-53 (CO), BZ



Reflector for Decorative Glass NS-38 (Clear Refl.) BZ, C, N, W NTG-4 Glass sold separately



NS-22 Albalite B, BZ, C, CO, G, N, W



NS-23 Fresnel B, BZ, C, CO, G, N, W



NS-24 Drop Opal B, BZ, C, CO, G, N, W



Metropolitan Glass Moon **NL-495/PL** B, F, P



Metropolitan Glass Stepped NL-496/PL B, F, P



Metropolitan Glass Ice NL-497/PL B, F, P

cc Custom Combo: Available with custom combinations of reflector and plastic and metal ring finish. See page 26 for details.

Ring Finishes for Standard Trims: B-Black, BZ-Bronze, C-Chrome, CO-Copper, G-Gold, N-Natural Metal, W-White

5" COMPACT FLUORESCENT IC AT & NON-IC HOUSINGS

SINGLE 13W - 26W QUAD/TRIPLE TUBE

All 5-inch housings are available with a 13W, 18W or 26W Electronic or 13W Magnetic Quad/Triple Tube, 120V or 277V ballast, Convertible socket converts from fixed to floating without tools.



NHPIC-513ELAT (1) 13W Q/T 120V NHPIC-513ATE2 (1) 13W Q/T 120/277V NHPIC-518ELAT (1) 18W Q/T 120V NHPIC-518ATE2 (1) 18W Q/T 120/277V NHPIC-526ELAT (1) 26W Q/T 120V NHPIC-526ATE2 (1) 26W Q/T 120/277V NHPIC-501QAT13 Magnetic (1) 13W Q 5" IC Airtight CF Housing Dia: 5-5/8" Depth: 7-1/2" Add suffix EM for Emergency Battery Back-up with Remote Test Switch



NHRPIC-513ELAT (1) 13W Q/T 120V NHRPIC-513ATE2 (1) 13W Q/T 120/277V NHRPIC-518ELAT (1) 18W Q/T 120V NHRPIC-518ATE2 (1) 18W Q/T 120/277V NHRPIC-526ELAT (1) 26W Q/T 120V NHRPIC-526ATE2 (1) 26W Q/T 120/277V NHRPIC-501QAT13 Magnetic (1) 13W Q 5" IC Airtight CF Remodel Dia: 5-5/8" Depth: 7-1/2"



NHP-501/13EL (1) 13W Q/T 120/277V NHP-501/18EL (1) 18W Q/T 120/277V 5" CF New Construction Housing Dia: 5-5/8" Depth: 7-1/2"



NHRP-504/13EL (1) 13W Q/T 120/277V NHRP-504/18EL (1) 18W Q/T 120/277V 5" CF Remodel Dia: 5-5/8" Depth: 7-1/2"

NFBPIC-513ELAT (1) 13W Q/T 120V NFBPIC-518ELAT (1) 18W Q/T 120V NFBPIC-526ELAT (1) 26W Q/T 120V

5" 2-Hour Fire Rated IC Airtight Housing Dia: 5-5/8" Depth: 7-3/4"









OPTIONAL DIMMING A variety of dimming ballast options are available in 13W to 42W. Each option requires a dimming controller that is compatible.

D10 Universal Super Dim 0-10V / 4-wire, 120V-277V, (1) 13W-42W or (2) 13W-26W*

M7 Advance Mark 7 0-10V / 4-wire, 120V-277V, (1) or (2) 13W-42W

MX1 Advance Mark 10 120V / 2-wire, (1) or (2) 18W-42W MX2 Advance Mark 10 277V / 2-wire, (1) or (2) 18W-42W

DAS Advance AmbiStar 120V / 2-wire, (1) 26W-42W or (2) 26W*

ECO Lutron 5% 120V/277V / 3-wire, (1) or (2) 18W-42W

L11 Lutron Hi-Lume 1% 120V / 3-wire, (1) or (2) 18W-42W

Lutron Hi-Lume 1% 277V / 3-wire, (1) or (2) 18W-42W L12



5" COMPACT FLUORESCENT IC AT & NON-IC REFLECTOR TRIMS



Baffle Cone Splay NT-5001 B, BZ, CO, N, W, WM



Airtight Cone Baffle NTM-513 B. W. WM



Cone Reflector w/ Baffle NTS-5230 BZ, CO, N, W



Cone Reflector NTS-5231 B, BZ, C, CO, G, HZ, N, W



Cone Refl. for Deco Glass NTS-5238 BZ, C, N, W NTG-5 Glass sold separately



Decorative Glass NTG-5 See page 152 for glass options



Refl. Albalite Lens w/ Baffle NTS-5242 B, BZ, C, CO, G, N, W



Refl. Fresnel Lens w/ Baffle NTS-5243 B, BZ, C, CO, G, N, W



Refl. Drop Opal w/ Baffle NTS-5244



NTS-5245 B, BZ, C, CO, G, N, W



Refl. Frosted Dome w/ Baffle Refl. Frost Flat Lens w/ Baffle NTS-5246 B, BZ, C, CO, G, N, W



Refl. Center Frost Lens NTS-5247 w/ Baffle B, BZ, C, CO, G, N, W



Reflector Albalite Lens NTS-5222 B, BZ, C, CO, G, N, W



Reflector Fresnel Lens NTS-5223 B, BZ, C, CO, G, N, W



Reflector Drop Opal NTS-5224 B, BZ, C, CO, G, N, W



Reflector Frosted Dome NTS-5225 B, BZ, C, CO, G, N, W



Reflector Frost Flat Lens NTS-5226 B, BZ, C, CO, G, N, W



Reflector Dome NT-5050 B, BZ, CO, N, W

Custom Combo: Available with custom combinations of reflector and plastic and metal ring finish. See page 26 for details.

Ring Finishes for Standard Trims: B-Black, BZ-Bronze, C-Chrome, CO-Copper, G-Gold, N-Natural Metal, W-White



6" COMPACT FLUORESCENT SHALLOW HORIZONTAL HOUSINGS

SINGLE or DUAL 13W - 26W QUAD/TRIPLE TUBE

Nora Lighting's low profile housing for shallow plenum applications. Optional dimming capability available.



Shallow Plenum Only 4-3/8" Deep!

NHPH-113SEL (1) 13W Quad/Twin NHPH-118SEL (1) 18W Quad/Twin NHPH-2642SEL (1) 26-42W Quad/Triple NHPH-213SEL (2) 13W Quad/Twin NHPH-218SEL (2) 18W Quad/Twin NHPH-226SEL (2) 26W Quad/Twin 6" Shallow Horizontal CF Housing

Dia: 6-3/8" Depth: 4-3/8"
Add suffix EM for Emergency Battery Back-up with Remote Test Switch



NHRPH-113SEL (1) 13W Quad/Twin NHRPH-118SEL (1) 18W Quad/Twin NHRPH-2642SEL (1) 26-42W Quad/Triple NHRPH-213SEL (2) 13W Quad/Twin NHRPH-218SEL (2) 18W Quad/Twin NHRPH-226SEL (2) 26W Quad/Twin 6" Shallow Horizontal CF Remodel Dia: 6-3/8" Deoth: 4-3/8"

OPTIONAL DIMMING A variety of dimming ballast options are available in 13W to 42W. Each option requires a dimming controller that is compatible.

D10 Universal Super Dim 0-10V / 4-wire, 120V-277V, (1) 13W-42W or (2) 13W-26W*

M7 Advance Mark 7 0-10V / 4-wire, 120V-277V, (1) or (2) 13W-42W

MX1 Advance Mark 10 120V / 2-wire, (1) or (2) 18W-42W

MX2 Advance Mark 10 277V / 2-wire, (1) or (2) 18W-42W

DAS Advance AmbiStar 120V / 2-wire, (1) 26W-42W or (2) 26W*

ECO Lutron 5% 120V/277V / 3-wire, (1) or (2) 18W-42W
L11 Lutron Hi-Lume 1% 120V / 3-wire, (1) or (2) 18W-42W

L12 Lutron Hi-Lume 1% 277V / 3-wire, (1) or (2) 18W-42W

6" COMPACT FLUORESCENT SHALLOW HORIZONTAL TRIMS

SINGLE or DUAL 13W - 26W QUAD/TRIPLE TUBE



Stepped Baffle NTM-40 (Black) NTM-41 (White) also NTP-40 & NTP-41 Phenolic



Stepped Baffle w/ Ring NTM-41BZ BZ, C, CO, N



Reflector NTS-40 (G) NTS-41 (C), HZ NTS-42 (B) NTS-43 (W)



Cross Louver NTS-67C C. G



NT-45 (Black) NT-46 (White)



Reflector Wall Wash NTS-35G



Albalite Lens NT-22B Metal NP-22 Plastic (White) (White), B, BZ, C, CO, G, N



Fresnel Lens NT-23BZ Metal NP-23 Plastic (White) (White), B, BZ, C, CO, G, N



NT-24 Metal NP-24 Plastic (White) (White), B, BZ, C, CO, G, N



Albalite Lens w/ Baffle NTM-42 (Black), BZ, CO, N, W



Fresnel Lens w/ Baffle NTM-43



Drop Opal Lens w/ Baffle NTM-46 M (Black Metal), BZ, CO, N, W

cc Custom Combo: Available with custom combinations of reflector and plastic and metal ring finish. See page 26 for details.

(Black), BZ, CO, N, W

Ring Finishes for Standard Trims: B-Black, BZ-Bronze, C-Chrome, CO-Copper, G-Gold, N-Natural Metal, W-White

6" COMPACT FLUORESCENT VERTICAL SINGLE LAMP HOUSINGS

SINGLE 13W - 32W QUAD/TRIPLE · STANDARD and SHALLOW

Nora Lighting's family of 6" Economy Vertical Compact Fluorescent housings offers affordable solutions for energy savings with optional dimming capability and emergency backup vailable. Convertible socket converts from fixed to floating without tools.

NHPIC-2642ELAT (1) 26-42W, 120-277V 6" Electronic, High Wattage, Double Wall IC Housing, Airtight Dia: 6-3/8" L: 14" W: 7-5/8" D: 7-3/8"



NHPIC-13EL (1) 13W, 120-277V
NHPIC-13ELAT (1) 13W, Airtight, 120V
NHPIC-13MQ (1) 13W Quad, 120V Magnetic
NHPIC-18EL (1) 18W, 120-277V
NHPIC-18ELAT (1) 18W, Airtight, 120V
NHPIC-26ATE2 (1) 26W, Airtight, 120-277V
NHPIC-26ELAT (1) 26W, Airtight, 120V
NHPIC-32ATE2 (1) 32W, Airtight, 120-277V



- SH NHPSIC-13ELAT (1) 13W* Shallow AT, 120V
 SH NHPSIC-18ELAT (1) 18W* Shallow AT, 120V
- SM NHPSIC-26ELAT (1) 26W* Shallow AT, 120V 6" Electronic + Magnetic IC CF Housing Dia: 6-3/8" Depth: 5-1/2" 5-1/2" Shallow



NHRPIC-13EL (1) 13W, 120-277V
NHRPIC-13ELAT (1) 13W, Airtight, 120V
NHRPIC-13MQ (1) 13W Quad, 120V Magnetic
NHRPIC-18EL (1) 18W, 120-277V
NHRPIC-18ELAT (1) 18W, Airtight, 120V
NHRPIC-26ATE2 (1) 26W, Airtight, 120-277V
NHRPIC-26ELAT (1) 26W, Airtight, 120V



- SH NHRPSIC-13ELAT (1) 13W* Shallow AT, 120V
- NHRPSIC-18ELAT (1) 18W* Shallow AT, 120V
- NHRPSIC-26ELAT (1) 26W* Shallow AT, 120V 6" Electronic + Magnetic IC CF Remodel Dia: 6-3/8" Depth: 5-1/2" 5-1/2" Shallow



Add suffix EM for Emergency Battery Back-up with Remote Test Switch

^{*} Triple Tube lamps are recommended for shallow housing.



6" COMPACT FLUORESCENT VERTICAL SINGLE LAMP HOUSINGS

SINGLE 13W – 32W QUAD/TRIPLE · STANDARD and SHALLOW continued



NHP-13EL (1) 13W NHP-13M (1) 13W Quad, Magnetic NHP-18EL (1) 18W NHP-2642EL (1) 26-42W 6" Electronic + Magnetic CF Housing Dia: 6-3/8" Deoth: 7-3/8"



NHRP-13EL (1) 13W NHRP-13M (1) 13W Quad, Magnetic NHRP-18EL (1) 18W NHRP-2642EL (1) 26-42W 6" Electronic + Magnetic CF Remodel Dia: 6-3/8" Depth: 7-3/8"



NFBPIC-613ELAT (1) 13W Q/T 120V NFBPIC-618ELAT (1) 18W Q/T 120V NFBPIC-626ELAT (1) 26W Q/T 120V 6" 2-Hour Fire Rated IC Airtight Housing Dia: 6-3/8" Depth: 7-3/8"

Compatible trims denoted with the fire-rated symbol M

Add suffix EM for Emergency Battery Back-up with Remote Test Switch

OPTIONAL DIMMING A variety of dimming ballast options are available in 13W to 42W. Each option requires a dimming controller that is compatible.

D10 Universal Super Dim 0-10V / 4-wire, 120V-277V, (1) 13W-42W or (2) 13W-26W*

M7 Advance Mark 7 0-10V / 4-wire, 120V-277V, (1) or (2) 13W-42W

MX1 Advance Mark 10 120V / 4-wire, (1) or (2) 18W-42W

WIXT Advance Wark to 120V / 2-Wile, (1) of (2) 10VV-42VV

MX2 Advance Mark 10 277V / 2-wire, (1) or (2) 18W-42W

DAS Advance AmbiStar 120V / 2-wire, (1) 26W-42W or (2) 26W*

ECO Lutron 5% 120V/277V / 3-wire, (1) or (2) 18W-42W

L11 Lutron Hi-Lume 1% 120V / 3-wire, (1) or (2) 18W-42W

L12 Lutron Hi-Lume 1% 277V / 3-wire, (1) or (2) 18W-42W

6" Compact Fluorescent Retrofit Kits

NPK-13 Magnetic (1) 13W Twin Tube

NPK-13/2L Magnetic (2) 13W Twin Tube

NPK-13EL Electronic (1) 13W Quad/Triple Tube

NPK-18EL Electronic (1) 18W Quad/Triple Tube

NPK-26EL Electronic (1) 26W Quad/Triple Tube



Nora CFL Electronic Ballast Retrofits are UL Listed for hardwire application qualifying them for local energy company rebates.



6" COMPACT FLUORESCENT VERTICAL SINGLE LAMP REFLECTOR TRIMS



Airtight Cone Baffle NTM-713W/PL W/PL, B/PL



Airtight Cone Reflector NTM-710WBAL BRAI



Cone Reflector NTA-96 (Gold)



Cone Reflector NTA-98 (Black), BZBZ, COCO, NN



Wall Wash w/ Baffle

NT-45 (Black) NT-46 (White)



(White), B, BZ, C, CO, G, N NP-22 Plastic (White)



(Black), BZ, CO, N, W



Airtight Cone Refl. w/ Baffle NTA-730B/PL B/PL, W/PL



NTM-716BAL BZ, N, WAL



Cone Reflector NTA-97 (Clear), CLI, HZ



Cone Reflector NTA-99 (White)



w/ Baffle NTA-103B B. BZ. CO. N. W



NT-23BZ Metal (White), B, BZ, C, CO, G, N NP-23 Plastic (White)



Fresnel Lens w/ Baffle NTM-43W (Black), BZ, CO, N, W



NTA-102 (White) NTA-101 (Black) SH also in BZ, CO, NN



Shallow Cone Refl. w/ Baffle Airtight Cone Reflector NTS-714B B, C, G, W



Cone Reflector w/ Metal Ring NTS-6231CW B, BZ, C, CO, G, HZ, N, W



Cone Reflector Wall Wash NTA-87 (Clear) also in B, BZ, CO, G, N, W









NTM-46 M (Black Metal), BZ, CO, N, W

Custom Combo: Available with custom combinations of reflector and plastic and metal ring finish. See page 26 for details.

Ring Finishes for Standard Trims: B-Black, BZ-Bronze, C-Chrome, CO-Copper, G-Gold, N-Natural Metal, W-White



6" COMPACT FLUORESCENT VERTICAL SINGLE LAMP REFLECTOR TRIMS

continued



Wall Wash NT-25 (White), B



Reflector for Deco Glass NTS-6238W BZ, C, N, W NTG-6 Glass sold separately



Deco Glass for NTS-6238 NTG-6 See page 152 for glass options



Cone Reflector Regressed Albalite Lens w/ Baffle NTS-6242W B, BZ, C, CO, G, N, W



Cone Reflector Regressed Fresnel Lens w/ Baffle NTS-6243B B, BZ, C, CO, G, N, W



Cone Reflector Regressed Drop Opal Lens w/ Baffle NTS-6244N B, BZ, C, CO, G, N, W



Frosted Dome w/ Baffle
NTS-6245B
B, BZ, C, CO, G, N, W



Frosted Flat Lens w/ Baffle NTS-6246W B, BZ, C, CO, G, N, W



Cone Reflector Regressed Center Frosted Lens w/ Baffle NTS-6247W B, BZ, C, CO, G, N, W



Albalite Lens w/ Reflector NTS-6222BZ (White), B, BZ, C, CO, G, N



Fresnel Lens w/ Reflector NTS-6223N (White), B, BZ, C, CO, G, N



Drop Opal Lens w/ Reflector NTS-6224BZ (White), B, BZ, C, CO, G, N



Frosted Dome w/ Reflector NTS-6225 (White), B, BZ, C, CO, G, N



Frosted Flat Lens w/ Reflector NTS-6226 (White), B, BZ, C, CO, G, N

6" COMPACT FLUORESCENT VERTICAL DUAL LAMP HOUSINGS + TRIMS

DUAL 13W - 26W QUAD

All Dual CF Housings are available in 13W Magnetic or 13-26W Quad Tube. Optional dimming capability (page 94) and emergency backup available.



NHPIC-13/2LEL Electronic (2) 13W Quad NHPIC-13/2LQ Magnetic (2) 13W Quad/Twin 6" Dual Lamp IC CF Housing Dia: 6-3/8" L: 13" W: 9-1/2" D: 7-1/2"

NHP-13/2LEL Electronic (2) 13W Quad NHP-13/2LQ Magnetic (2) 13W Quad/Twin NHP-18/2LEL Electronic (2) 18W Quad NHP-26/2LEL Electronic (2) 26W Quad 6" Dual Lamp CF Housing Dia: 6-3/8" Depth: 7-3/8"

NHRP-13/2LEL Electronic (2) 13W Quad NHRP-13/2LQ Magnetic (2) 13W Quad/Twin NHRP-18/2LEL Electronic (2) 18W Quad NHRP-26/2LEL Electronic (2) 26W Quad 6" Dual Lamp CF Remodel Dia: 6-3/8" Depth: 7-3/8"

Add suffix EM for Emergency Battery Back-up with Remote Test Switch



Reflector NTS-30 (G), A NTS-31 (C), HZ, AHZ



NTS-33 (W)



Cone Reflector NTS-32 (B), BZBZ, COCO, NN NTA-96/2PL(G) NTA-97/2PL(C) NTA-98/2PL(B) NTA-99/2PL(W)



Cone Reflector w/ Baffle NTA-101/2PL (B) NTA-102/2PL (W)



Cone Reflector Wall Wash with Baffle NTA-103B/2PL B. W



Cone Reflector Wall Wash NTA-86/2PL(G) NTA-87/2PL(C) NTA-88/2PL(B) NTA-89/2PL(W)



Albalite Lens NTS-22CO/2PL w/ Reflect (White), B, BZ, C, CO, G, N



Fresnel Lens NTS-23G/2PL w/ Reflector (White), B, BZ, C, CO, G, N



Drop Opal Lens NTS-24N/2PL w/ Reflector NT-22 Metal NP-22 Plastic NT-23 Metal NP-23 Plastic NT-24 Metal NP-24 Plastic (White), B, BZ, C, CO, G, N



NTM-42 (Black), BZ, CO, N, W



NTM-43W (Black), BZ, CO, N, W



NTM-46M M (Black Metal), BZ, CO, N, W

Custom Combo: Available with custom combinations of reflector and plastic and metal ring finish. See page 26 for details.



6" COMPACT FLUORESCENT SLOPE CEILING VERTICAL SINGLE LAMP HOUSINGS + TRIMS

SINGLE 13W - 26W QUAD/TRIPLE

Sloped ceiling housings create a clear path of unobstructed light from a maximum 6/12 pitch (22-1/2 degrees) ceiling to any floor or surface. Optional dimming capability (page 94) and emergency backup available.

NHPIC-926/32EAT (1) 26-32W Q/T 6" IC Slope Double Wall Housing Dia: 6-1/2" x 7" Depth: 7-3/4"

NHPIC-926/13EAT (1) 13W Q/T NHPIC-926/18EAT (1) 18W Q/T NHPIC-926/26EAT (1) 26W Q/T 6" IC Sloped Ceiling Housing Dia: 6-1/2" x 7" Depth: 7-3/8"

NHRPIC-92613EAT (1) 13W Q/T NHRPIC-92618EAT (1) 18W Q/T NHRPIC-92626EAT (1) 26W Q/T 6" IC Sloped Ceiling Remodel Dia: 7-1/8" x 7-1/2" Depth: 7-3/8"

NHP-926/13EL (1) 13W Q/T NHP-926/18EL (1) 18W Q/T NHP-926/2642EL (1) 26-42W Q/T 6" Sloped Ceiling Non-IC Housing Dia: 6-1/2" x 7" Depth: 7-3/8"

NHRP-926/13EL (1) 13W Q/T NHRP-926/18EL (1) 18W Q/T NHRP-926/2642EL (1) 26-42W Q/T 6" Sloped Ceiling Non-IC Remodel Dia: 7-1/8" x 7-1/2" Depth: 7-3/8"



Add suffix EM for Emergency Battery Back-up with Remote Test Switch



Sloped Baffle NTM-615B B, W



Albalite Lens
NT-22CO Metal
NP-22 Plastic (W)
B, BZ, C, CO, G, N, (W)



Sloped Phenolic Baffle NTP-614W B, W



Fresnel Lens
NT-23BZ Metal
NP-23 Plastic (W)
B, BZ, C, CO, G, N, (W)



Sloped Reflector NTS-615G B, C, G, W



Drop Opal Lens NT-24N Metal NP-24 Plastic (W) B, BZ, C, CO, G, N, (W)



4" GU24 COMPACT FLUORESCENT IC and AIR-TIGHT HOUSINGS + TRIMS

SINGLE 13W - 26W SELF BALLASTED GU24

Available in 4", 5" and 6" apertures, airtight and rated for insulated ceilings, Nora's GU24 products lower the cost of dedicated energy efficient lighting. Using self-ballasted lamps available in wattages from 13 to 26 watts, the proper wattage can be selected at the time of final installation.

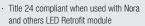
FEATURES

- Saves up to 75% in energy costs over incandescent
- · GU24 lamps rated up to 10,000 hours
- Variable wattage from 13W up to 26W can be selected at time of installation
- Self-ballasted lamps allow for easy, one-unit replacements
- Substantial material savings a complete Nora GU24 package can save over 50% versus a comparable dedicated 4-pin remote mount ballasted fixture

Spiral GU24 CFL 13W, 18W, 23W, 26W



Energy Star rated - 15W
 6" new construction and remodel



R30 GH24 CEL

- · cUL listed for dry location
- Housing rated for insulated ceiling applications and is air-tight



NHIC-4G24AT (1) 13-26W GU24 4" IC Airtight GU24 Base CF Housing Dia: 4-1/4" Depth: 6-3/8"

NHRIC-4G24AT (1) 13-26W GU24 4" IC Airtight GU24 Base CF Remodel Dia: 4-1/4" Depth: 6-3/8"



Square Cone Refl. w/ Baffle NTS-4930 BB, BZBZ, BW, COCO, NN, WW

Square Cone Reflector NTS-4931 BW, CW, GW, WW



Cone Reflector for Deco Glass NTS-4238 Clear Reflector BZ, C, N, W NTG-4 Glass sold separately



Cone Reflector w/ Baffle NTS-4230 B, BZ, CO, N, W



Cone Reflector w/ Baffle NTS-4231
B, C, G, HZ, W



NS-42 (G) NS-43 (B) NS-44 (C), HZ NS-46 (W) NS-52 (N) NS-53 (CO), BZ

cc Custom Combo: Available with custom combinations of reflector and plastic and metal ring finish. See page 26 for details.

Ring Finishes for Standard Trims: B-Black, BZ-Bronze, C-Chrome, CO-Copper, G-Gold, N-Natural Metal. W-White



5" GU24 COMPACT FLUORESCENT IC and AIR-TIGHT HOUSINGS + TRIMS

SINGLE 13W - 26W SELF BALLASTED GU24

NHIC-5G24ATFL (1) 13-26W GU24

5" IC Airtight GU24 Base CF Housing

Dia: 5-5/8" Depth: 7-1/2"

Title 24 Compliant when used with Nora LED Retrofit

NHRIC-5G24ATFL (1) 13-26W GU24 5" IC Airtight GU24 Base CF Remodel

Dia: 5-5/8" Depth: 7-1/2"

Title 24 Compliant when used with Nora LED Retrofit





Baffle Splay
NT-5001
B, BZ, CO, N, W, MW



Splay w/ Bracket NT-5000 BZ, CO, N, W



Airtight Cone Baffle
NTM-513
B, W, MW



Phenolic Baffle w/ Bracket NT-5012 B, BZ, CO, N, W



Cone Reflector w/ Baffle NTS-5230 BZ, CO, N, W



Airtight Cone Reflector NT-5014 B, BZ, C, CO, G, N, W



Cone Reflector NTS-5231 B, BZ, C, CO, G, HZ, N, W



Cone Reflector w/ Bracket NT-5021
B, BZ, C, CO, G, N, W



Reflector w/ Bracket NT-5020 B, C, G, W



6" GU24 COMPACT FLUORESCENT IC and AIR-TIGHT HOUSING + TRIMS

SINGLE 13W - 26W SELF BALLASTED GU24

Available in 4", 5" and 6" apertures, airtight and rated for insulated ceilings, Nora's GU24 products lower the cost of dedicated energy efficient lighting. Using self-ballasted lamps available in wattages from 13 to 26 watts, the proper wattage can be selected at the time of final installation.



NHIC-6G24ATFL (1) 13-26W GU24

6" IC Airtight GU24 Base CF Housing Dia: 6-3/8" Depth: 7-1/2"

Title 24 Compliant when used with Nora LED Retrofit



NHRIC-6G24ATFL (1) 13-26W GU24

6" IC Airtight GU24 Base CF Remodel Dia: 6-3/8" Depth: 7-1/2"

Title 24 Compliant when used with Nora LED Retrofit



Airtight Cone Baffle
NTM-713W/PL
W/PL B/Pl



Airtight Cone Refl. w/ Baffle NTA-730B/PL B/PL, W/PL



Cone Reflector w/ Baffle NTS-6230 B, BZ, C, CO, G, HZ, N, W



Eyeball w/ Baffle

NTM-38 Black Baffle

15W max 30°



Eyeball w/ Baffle

NTM-39 White Baffle

15W max 30°



Eyeball Metal Trim

NT-28 (W), B, BZ, CO, N

NT-29 C, G

15W max 30°



Reflector w/ Regress Eyeball NTS-49C 15W max B, C, G, W 20°



Baffle w/ Regress Eyeball NTM-48 (BW), BB 15W max 35°



Baffle w/ Regress Eyeball NTM-49 (WW), BZ, CO, N 15W max 35°

cc Custom Combo: Available with custom combinations of reflector and plastic and metal ring finish. See page 26 for details.

Ring Finishes for Standard Trims: B-Black, BZ-Bronze, C-Chrome, CO-Copper, G-Gold, N-Natural Metal. W-White

6" GU24 COMPACT FLUORESCENT IC and AIR-TIGHT REFLECTOR TRIMS

SINGLE 13W - 26W SELF BALLASTED GU24



Cone Reflector Regressed Albalite Lens w/ Baffle NTS-6242W 13W max B, BZ, C, CO, G, N, W



Cone Reflector Regressed Fresnel Lens w/ Baffle NTS-6243B 13W max B, BZ, C, CO, G, N, W



Cone Reflector Regressed Drop Opal Lens w/ Baffle NTS-6244N 13W max B, BZ, C, CO, G, N, W



Frosted Dome w/ Baffle NTS-6245B 13W max B, BZ, C, CO, G, N, W



Cone Reflector Regressed Frosted Flat Lens w/ Baffle NTS-6246W 13W max B, BZ, C, CO, G, N, W



Cone Reflector Regressed Center Frosted Lens w/ Baffle NTS-6247W 13W max B, BZ, C, CO, G, N, W



Albalite Lens w/ Reflector NTS-6222BZ 13W max (White), B, BZ, C, CO, G, N



Fresnel Lens w/ Reflector NTS-6223N 13W max (White), B, BZ, C, CO, G, N



Drop Opal Lens w/ Reflector NTS-6224BZ 13W max (White), B, BZ, C, CO, G, N



Frosted Dome w/ Reflector NTS-6225 13W max (White), B, BZ, C, CO, G, N (White), B, BZ, C, CO, G, N



Frosted Flat Lens w/ Reflector NTS-6226 13W max

HID Metal Halide

ARCHITECTURAL · COMMERCIAL · ECONOMY



Nora / Nspec offers a complete line of CMH downlighting for your lighting specifications. CMH, ceramic metal halide, delivers excellent color and dramatic visual punch not found in other lighting sources.

4" HID METAL HALIDE ARCHITECTURAL + COMMERCIAL UNIVERSAL HOUSING and DIE-CAST TRIMS

T4 · T6 · PAR20 · MR16GX10

Our 4" aperture CMH downlight is one of the most compact fixtures in the market at only 6-3/8" deep. Designed for use with T4, T6, PAR20 or GX10 ceramic metal halide sources. Available with adjustable beam spread reflectors for all your applications.

NHID-420 20W MR16GX10 / PAR20 / T4 NHID-439 39W MR16GX10 / PAR20 / T4 / T6

NHID-470 70W T4 / T6 4" Architectural HID Housing

Dia: 4-1/2" Depth: 6-3/8" Specify 120V or 277V





Clear Reflector w/ White Ring NHID-4T415W 15° Beam spread NHID-4T423W 23° Beam spread NHID-4T432W 32° Beam spread 70W T4 CMH max.



Faceted Reflector w/ White Ring NHID-4T615W 15° Beam spread 70W T6 CMH max.



White Adjustable Elbow NHID-4GX10W 39W MR16 GX10 CMH max.



Black Stepped Baffle w/ White Ring NHID-4P20W
39W PAR20 CMH max.



6" HID METAL HALIDE ARCHITECTURAL + COMMERCIAL FRAME-INS + DEEP CONE REFLECTORS

39W - 100W · PAR20 · PAR30 · PAR38 · ED17

Electronic Ballast specify 120V or 277V. Quartz restrike is available with the 39W, 70W and 100W housings. Add QS to the end of the catalog number.



NHFM6-735/EL 39W PAR20 / PAR30 NHFM6-750/EL 50W ED17 NHFM6-770/EL 70W ED17 / PAR30 / PAR38 NHFM6-7100/EL 100W ED17 / PAR38 6" Architectural HID Frame-In

Dia: 6-3/8" Depth: 10-1/2" Hanger Bars ordered separately

NHFM-735/EL 39W PAR20 / PAR30 NHFM-750/EL 50W ED17 NHFM-770/EL 70W ED17 / PAR30 / PAR38 NHFM-7100/EL 100W ED17 / PAR38 6" Commercial HID Frame-In

Dia: 6-3/8" Depth: 10-1/2"

NHRFM6-735/EL 39W PAR20 / PAR30 NHRFM6-750/EL 50W ED17

NHRFM6-770/EL 70W ED17 / PAR30 / PAR38 NHRFM6-7100/EL 100W ED17 / PAR38

6" Architectural HID Remodel Dia: 6-3/8" Depth: 9-3/4"

Specify 120V or 277V

add "QS" for Quartz Restrike



Open Reflector NTS-731G B. C. CLIWF. G. W NTS-730B B. W Baffle



Reflector w/ Baffle



Cross Louver NTS-737G C. CLIWF. G



Open Single Wall Wash NTS-739SC



Open Double Wall Wash NTS-739DC



Wall Wash w/ Lensed Refl. NTS-736C C, G



Wall Wash w/ Baffle NTS-734B B, W Baffle



Regressed Albalite Lens w/ Baffle NTS-732B B, W Baffle



w/ Baffle NTS-743W



Reg. Drop Opal w/ Baffle NTS-735B 70W max B. W



NTS-733CL 70W max CL-Clear, FL-Frost



NTS-738C NTG-6 Glass sold separately See page 152 for glass options

cc Custom Combo: Available with custom combinations of reflector and plastic and metal ring finish. See page 26 for details.



8" HID METAL HALIDE ARCHITECTURAL + COMMERCIAL FRAME-INS + DEEP CONE REFLECTORS

39W - 150W · PAR20 · PAR30 · PAR38 · FD17

8" HID Architectural and Commercial Frame-ins and Cone Reflectors for 39W-150W Metal Halide sources. Electronic ballast specify 120V or 277V input. Quartz restrike is available with the 39W, 70W and 100W housings. Add QS to the end of the catalog number.



NHFM8-935/EL 39W PAR20 / PAR30 NHFM8-950/EL 50W ED17 NHFM8-970/FL 70W FD17 / PAR30 / PAR38 NHFM8-9100/EL 100W ED17 / PAR38 NHFM8-9150/EL1 150W ED17 / PAR38, 120V NHFM8-9150/EL2 150W ED17 / PAR38, 277V 8" Architectural HID Frame-In Dia: 8-1/4" Depth: 10-1/2" Hanger Bars ordered separately



NHFM-935/EL 39W PAR20 / PAR30 NHFM-950/EL 50W ED17 NHFM-970/EL 70W ED17 / PAR30 / PAR38 NHFM-9100/EL 100W ED17 / PAR38 NHFM-9150/EL 150W ED17 / PAR38, 120V 8" Commercial HID Frame-In Dia: 8-1/4" Depth: 10-1/2"



NHRFM8-935/EL 39W PAR20 / PAR30 NHRFM8-950/EL 50W ED17 NHRFM8-970/EL 70W ED17 / PAR30 / PAR38 NHRFM8-9100/EL 100W ED17 / PAR38 NHRFM8-9150/EL 150W ED17 / PAR38, 120V 8" Architectural HID Remodel Dia: 8-3/8" Depth: 9-3/4" Specify 120V or 277V

C. G

add "QS" for Quartz Restrike



Open Reflector NTS-931C B. C. G. W



Reflector w/ Baffle NTS-932GB 120V, 277V CB, CW, GB, GW







NTS-939SC



Open Double Wall Wash



NTS-934C 100W max







Wall Wash w/ Lensed Refl. NTS-933G 100W max C, G, W



Reflector w/ Flush Lens NTS-936CL 100W max CL-Clear, FL-Frost



Regressed Lens w/ Refl. NTS-935G 100W max G-Glass, L-Lexan, FG-Frost NTG-8 Glass sold separately



Reflector for Deco Glass NTS-938C 100W max See page 152 for glass options





6" HID METAL HALIDE HOUSINGS + REFLECTOR TRIMS

39W - 100W · PAR20 · PAR30 · PAR38 · ED17

Electronic Ballast specify 120V or 277V. Quartz restrike is available with the 39W, 70W and 100W housings. Add QS to the end of the catalog number.

NHPM-735/EL 39W PAR20 / PAR30

NHPM-750/EL 50W ED17

NHPM-770/EL 70W ED17 / PAR30 / PAR38

NHPM-7100/EL 100W ED17 / PAR38

6" Economy HID Housing Dia: 6-3/8" Depth: 7-1/2"

NHRPM-735/EL 39W PAR20 / PAR30

NHRPM-750/EL 50W ED17

NHRPM-770/EL 70W ED17 / PAR30 / PAR38 NHRPM-7100/EL 100W ED17 / PAR38

6" Economy HID Remodel

Dia: 6-3/8" Depth: 7-1/2"

Specify 120V or 277V





Cone Reflector w/ Baffle NTA-102 (White) NTA-101 (Black), BZ, CO, N also in BZ, CO, NN



Cone Reflector NTA-96 (G) NTA-99 (W) NTA-97 (C), HZ, AHZ NTA-98 (B), BZ, CO, N



Reflector NTS-30 (G) NTS-33 (W) NTS-31 (C), HZ, AHZ NTS-32 (B), BZ, CO, N



Open Gimbal **NTM-52** PAR30 **NTM-53** PAR38 B, BZ, C, CO, G, N, W



Baffle w/ Adjustable Gimbal NTM-54 PAR30 NTM-55 PAR38 B, BZ, CO, N, W



Reflector w/ Adj. Gimbal NTM-56 PAR30 NTM-57 PAR38 B, C, G, W



Cone Refl. Baffle Wall Wash NTA-103 B, BZ, CO, N, W



Cone Refl. Baffle Wall Wash NTA-86 (G) NTA-87 (B) NTA-88 (B), BZ, CO, N NTA-89 (W)



Reflector for Decorative Glass NTA-638 (Clear) BZ, C, N, W NTG-6 Glass sold separately See page 152 for glass options



Albalite Lens 70W max NTS-22 w/ Refl B, BZ, C, CO, G, N, (White)



Fresnel Lens 70W max NT-23 NTS-23 w/ Refl B, BZ, C, CO, G, N, (White)



Albalite Lens 70W max NT-24 NTS-24 w/ Refl B, BZ, C, CO, G, N, (White)



NTS-25 Frosted Dome NTS-26 Frosted Flat B, BZ, CO, N, W 70W max



Reg. Lens w/ Baffle 70W max NTM-42 Albalite NTM-43 Fresnel (Black), BZ, CO, N, W



Regress Drop Opal w/ Baffle NTM-46 70W max (Black), BZ, CO, N, W

cc Custom Combo: Available with custom combinations of reflector and plastic and metal ring finish. See page 26 for details.



Low Voltage

3" · 4" · 6" APERTURES



Nora's Low Voltage family of recessed downlighting features 3", 4" and 6" styles for new construction, remodel and retrofit applications. Our Versa line of housings recognize the complexity of matching LED low voltage lamps with compatible power sources. Nora's line of reflector trim features new 3" and 4" square apertures in both damp and wet label. Nora can factory label housings with a reduced wattage to meet watts per square foot requirements. Whether LED or Halogen, Nora offers a Low Voltage solution for your project.

LOW VOLTAGE VERSA SERIES LED AND HALOGEN MR16 COMPATIBLE



Nora Lighting introduces VERSA, a line of low voltage MR16 products that have been tested and approved for use with both LED MR16 lamps and Halogen MR16 lamps.

Some manufacturers place the responsibility on their distributors to know whether or not an MR16 LED is compatible with a certain low voltage product. Some suggest to call the lamp manufacturer for verification, and the lamp manufacturer suggests to call the fixture manufacturer. There are fixture manufacturers with low voltage products rated only for LED MR16s but not halogen MR16. How will the consumer know to only replace with an LED MR16?

Nora Lighting solves this dilema with VERSA, the versatile line of low voltage products that will work and have been tested for operation with low wattage LED MR16 lamps as well as halogen 50 watt MR16 lamps. Refer to the Nora website for a current list of compatible LED lamps.

Versa 3" (True 3") Low Voltage Downlights	page 120
Versa 4" Commercial Low Voltage Downlights	page 122
Versa 4" Low Voltage Downlights	page 124
Versa 6" Low Voltage Downlights	page 128
Versa Retrofit Kits	page 128
Versa Low Voltage Track Heads	page 238
Versa Low Voltage Bail Heads	page 200



3" (TRUE 3") LOW VOLTAGE HOUSINGS 1" to 2-1/2" APERTURE

Nora's 3" Low Voltage housings are a true 3 inches! Reduced wattage housings are useful in meeting watts per square foot requirements. Available with magnetic or electronic transformer.



VERSA NLIC-301AT/1EL* 50W 120V Electronic NLIC-301QAT/20 20W 120V Magnetic NLIC-301QAT/37 37W 120V Magnetic NLIC-301QAT 50W 120V Magnetic

LED NLIC-301AT(lamp)* 50W 120V Electronic with LED lamp

TRUE 3" IC Airtight Low Voltage Housing
Dia: 3" Depth: 8-1/8"



with LED lamp

TRUE 3" Airtight Low Voltage Housing
Dia: 3" Depth: 4-1/2"



with LED lamp

TRUE 3" Airtight Low Voltage Remodel

Dia: 3" Depth: 4-5/8"

NLR-305AT/20 20W max

ordered separately. See page 337

*Available in wattage reduced 20W (/20) and 37W (/37)



NLR-305AT/37 37W max NLR-305AT 50W max TRUE 3" Airtight Low Voltage Remodel for Remote Transformer Dia: 3-7/16" Depth: 4-3/4 For use with Class II remote transformer,

LED *LED Lamp Options

/E01 LED MR16 7W 27K Spot(25°) 50W Equall /E02 LED MR16 7W 27K Flood(35°) 50W Equall /E03 LED MR16 7W 30K Spot(25°) 50W Equall /E04 LED MR16 7W 30K Flood(35°) 50W Equall



3" (TRUE 3") LOW VOLTAGE TRIMS 1" to 2-1/2" APERTURE



Square w/ Round Baffle NL-3410BZ 50W MR16 BB, BW, BZ, NN, WW



Square Pinhole NL-3420 50W MR16 BB, BW, BZ, NN, WW



Square w/ Round Reflector NL-3412WW 50W MR16 BB, BW, BZ, CW, HZW, NN, WW



Square Pinhole w/ Lens NL-3423 50W MR16 BB, BW, BZ, NN, WW



Square w/ Round Lens NL-3413 50W MR16 BB, BW, BZBZ, CW, HZW, NN, WW



Metal Trim w/ 1" Pinhole NL-3320W 50W MR16 B, BZ, C, CO, G, N, W 35°



35° Adjustable Baffle NL-3310 50W MR16 BB, BC, BG, BW, BZBZ, COCO, NN, WB, WBZ, WC, WG, WW



35° Adjustable Reflector NI -3312 50W MR16 BB, BW, BZBZ, CBZ, CC, CG, CW, COCO, GG, GW, HZW, NN, WW



Cross Louver w/ Reflector NI -3337 50W MR16 CW, GW



35° Adjust Slot Aperture NL-3345 50W MR16 B, BZ, C, CO, G, N, W



Wall Wash w/ Baffle NL-3348 50W MR16 BB, BW, WW



Wall Wash w/ Reflector NL-3350W 50W MR16 B, BZ, C, N, W



Adjust Gimbal Ring, 35° NL-3365 50W MR16 B, BZ, C, CO, G, N, W



Front Load Gimbal, 35° NL-3366 50W MR16 B, BZ, C, CO, G, N, W



Eyeball w/ Baffle, 10° NL-3318 50W MR16 B, BZ, C, CO, G, N, W



Frosted Dome Lens NL-3325 50W Bi-Pin GY6.35 B, BZ, C, CO, G, N, W



Frosted Flat Lens NL-3326 50W Bi-Pin GY6.35 NL-324BU 50W MR16 B, BZ, C, CO, G, N, W



Hi-Tech Flat Glass BU



Hi-Tech Stepped Glass NL-325W 50W MR16 BU, P, W



Hi-Tech Donut Glass NL-326P 50W MR16 BU, P, W



Hi-Tech Flower Glass NL-327BU 50W MR16 BU, P, W

Custom Combo: Available with custom combinations of reflector and plastic and metal ring finish. See page 26 for details.

4" ARCHITECTURAL + COMMERCIAL LOW VOLTAGE Q4 SERIES SQUARE DOWNLIGHTS

IC · AIR-TIGHT · VERSA · DIMMABLE

Designed for architectural and commercial applications. The Q4 die-cast aluminum lamp holders help dissipate heat for longer lamp life, accommodate two filters, and provide excellent visual cut-off. The dimmable, air-tight Q4 series is available with Electronic or Magnetic transformer.

FEATURES

- · True Square housings for optimal "Square" architectural appearance
- · Die-cast aluminum reflector construction
- · Deep set lamp holder for optimal visual comfort
- · Three reflectors styles:
 - Adjustable frosted lensed
 - 1.5" square adjustable pinhole
 - 3" aperture open adjustable reflector
- · Available with Electronic (GE® Lightech) or Magnectic transformer
- · Reduced wattage label option to meet Watts per square feet requirements
- · cULus listed



VERSA NL-408AT/1EL 50W 120V Electronic NL-408AT 50W 120V Magnetic NL-408AT/20 20W 120V Magnetic NL-408AT/37 37W 120V Magnetic 4" Q4 Series Square Low Voltage Housing Ceiling Opening: 4" Depth: 5"



VERSA NLIC-408AT/1EL 50W 120V Electronic NLIC-408AT 50W 120V Magnetic 4" Q4 Series Square, IC Low Voltage Housing Ceiling Opening: 4" Depth: 7"



VERSA NLR-409AT/1EL 50W 120V Electronic NLR-409AT 50W 120V Magnetic 4" Q4 Series Square Low Voltage Remodel Housing Ceiling Opening: 4" Depth: 5-1/4"



Square Frosted Flat Lens with Reflector NL-4584 B, BZ, N, W



Square Recessed Adjustable with Reflector **NL-4585** B, BZ, N, W, WB, WW



Square 1.5" Pinhole with Reflector **NL-4588** B, BZ, N, W



4" LOW VOLTAGE 4" RECESSED FRAMING PROJECTOR

Recessed projection lighting through a recessed framing and gobo projector that fits into a standard 4" low voltage housing.



* For complete model specify framing projector with housing: NL-471W/NLR-404/RFP

FEATURES

- Produces precise, clean rectangle of illumination around artwork
- · Includes gobo holder
- Four adjustable and locking independent framing shutters
- Two optical grade glass focusing lenses
- · Energy Efficient

- · Low 1-3/8" profile below ceiling
- · Consult Nora for gobos or filters
- Includes choice of one housing NL-401/RFP: New Construction NLIC-401SAT/RFP: IC Environs NLR-404/RFP: Remodel
- Lamp: 35W MR11 FTH (not included)

HOUSING OPTIONS: included with NL-471W

NL-401/RFP 120V Magnetic

NL-401/277/RFP 277V Magnetic

NL-401/1ELRFP 120V Electronic

NL-401/2EL/RFP 277V Electronic

12V New Const. 35W MR11 Housing for NL-471W

Dia: 4-3/8" Depth: 5-5/8"

NLR-404/RFP 120V Magnetic

NLR-404/277/RFP 277V Magnetic

NLR-404/1ELRFP 120V Electronic

NLR-404/2EL/RFP 277V Electronic

12V Remodel 35W MR11 Housing for NL-471W

Dia: 4-3/8" Depth: 5-3/4"

NLIC-401SAT/RFP 120V Magnetic

NLIC-401SAT/277/RFP 277V Magnetic NLIC-401SAT/1ELRFP 120V Electronic

NI IC-401SAT/2FI /RFP 277V Flectronic

12V IC Airtight 35W MR11 Housing for NL-471W

Dia: 4-3/8" D: 7-1/4" L: 12" W: 7-3/4"

Accessories:

Custom Gobos (Consult Factory)
Dichroic Color Filters (Consult Factory)





4" LOW VOLTAGE HOUSINGS

IC · AIR-TIGHT · VERSA · ELECTRONIC · MAGNETIC

Nora Lighting's 4" low voltage housings provide crisp, defined MR16 halogen illumination for any application. Available with electronic or magnetic transformer, 120V and 277V. Quick connects provided.

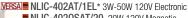


WERSA NLIC-401AT/1EL* 3W-50W 120V Electronic

- VERSA NLIC-401AT/2EL* 50W 277V Electronic NLIC-401QSAT/20 20W 120V Magnetic
 - NLIC-401QSAT/37 37W 120V Magnetic

 - NLIC-401QSAT 50W 120V Magnetic
 NLIC-401AT/277V 50W 277V Magnetic
 NLIC-401AT/(lamp)* 120V EI. with LED lamp 4" IC Airtight Low Voltage Housing

Dia: 4-3/8" Depth: 7-1/4" (120V) 7-1/2" (277V)



- NLIC-402QSAT/20 20W 120V Magnetic ■ NLIC-402QSAT/37 37W 120V Magnetic
- NLIC-402QSAT 50W 120V Magnetic
- ED NLIC-402AT(lamp)* 120V EI. with LED lamp 4" Shallow IC Airtight Low Voltage Housing Dia: 4-3/8" Depth: 5-3/8" (120V)



- NL-401AT/2EL* 50W 277V Electronic
 - NL-401/75/1EL 75W 120V Electronic
 - NL-401/75/2EL 75W 277V Electronic
 - NL-401QAT/20 20W 120V Magnetic
- NL-401QAT/37 37W 120V Magnetic
- NL-401QAT 50W 120V Magnetic
- NL-401QAT/FX** 50W 120V Mag., Fire Rated NL-401/50/277V 50W 277V Magnetic NL-401/75 75W 120V Magnetic
- NL-401/75/277V 75W 277V Magnetic LED NL-401AT(lamp)* 120V EI. w/LED lamp
 - 4" Low Voltage Housing

Dia: 4-3/8" Depth: 5-1/2" (50W) 6-3/8" (75V) ** See page 151 for Enclosure of fire box options



VERSA NL-402S/1EL* 3W-50W 120V Electronic

- NL-402S/20 20W 120V Magnetic
- NL-402S/37 37W 120V Magnetic
- NL-402S 50W 120V Magnetic
- LED NL-402S(lamp)* 120V EI. w/LED Lamp 4" Shallow Low Voltage Housing Dia: 4-3/8" Depth: 3-1/2"

VERSA NLR-404AT/1EL* 3W-50W 120V Electronic



- NLR-404QAT/20 20W 120V Magnetic
- NLR-404QAT/37 37W 120V Magnetic
- NLR-404QAT 50W 120V Magnetic NLR-404/50/277V 50W 277V Magnetic NLR-404/75 75W 120V Magnetic
- NLR-404/75/277V 75W 277V Magnetic LED NLR-404AT(lamp)* 120V EI. w/LED Lamp 4" Low Voltage Remodel

Dia: 4-3/8" Depth: 5-5/8" (50W) 6-3/8" (75V)

Nora Lighting will label with Reduced Wattage - add "/wattage". Example NL-402S/20 - Low Voltage shallow housing 20W max



4" LOW VOLTAGE HOUSINGS + REFLECTOR TRIMS

IC · AIR-TIGHT · VERSA · ELECTRONIC · MAGNETIC

VERSA NLR-403S/1EL* 50W 120V Electronic

NLR-403S/20 20W 120V Magnetic

NLR-403S/37 37W 120V Magnetic

NLR-403S 50W 120V Magnetic

NLR-403S(lamp)* 120V El. w/LED lamp 4" Shallow Low Voltage Remodel

Dia: 4-1/4" Depth: 3-1/2"



- NLR-405AT/37 37W
- NLR-405AT 50W
- = NEI1-403A1 30W



LED *LED Lamp Options

/E01 LED MR16 7W 27K Spot(25°) 50W Equal **/E02** LED MR16 7W 27K Flood(35°) 50W Equal **/E03** LED MR16 7W 30K Spot(25°) 50W Equall **/E04** LED MR16 7W 30K Flood(35°) 50W Equall

¢∰us SH



Square with Baffle 35° NL-4810

BB, BBZ, BCO, WC, WG, WN. WW



Square w/ Reflector 35° NL-4814 BW, BZBZ, CB, CC, CG, COCO, CW, GW, HZW, NN



Square w/ 1" Pinhole 35° **NL-4840** B, BZ, C, CO, G, N, W



Square w/ 2" Square Pinhole 35°

NL-4855 BB, BBZ, BN, BW, WW



Square Regressed 35° NL-4857 BB, BBW, BWW, BZBZ, HZHZW, NN, WW



Square Regressed w/Lens 35°
NL-4859
BB, BBW, BWW, BZBZ,
HZHZW, NN, WW



Square w/ Slot Aperture NL-4845W 35°



Square w/ Surface Adjust NL-4865 35° B, BZ, C, CO, G, N, W



Square w/ Adjust Elbow **NL-4870** 90°/358° B, BZ, C, CO, G, N, W



Square w/ Frosted Dome NL-4825 B, BZ, C, CO, G, N, W



Square w/ Flat Frost Lens NL-4826 B, BZ, C, CO, G, N, W



Square Flat Frost/Clear Lens NL-4827 B, BZ, C, CO, G, N, W

cc Custom Combo: Available with custom combinations of reflector and plastic and metal ring finish. See page 26 for details.



4" LOW VOLTAGE TRIMS



Adjustable Baffle 35° NL-410 (White), BZ, CO, N, P



Black Adjustable Baffle 35° Adjustable Baffle 45° NL-411 (Black)



NL-468 B. W



Adjustable Reflector 35° NL-412 (G) NL-414 (C), HZ NL-413 (B) NL-416 (W)



NL-452 (N)

NL-453 (CO), BZ

Deep Cone Reflector 35° NL-432 BW, BZ, BZW, CO, CW, HZ, HZW, N, NW, WW



Adjustable Reflector 45° NL-469 B, BZ, C, CO, G, HZ, N, W



Cross Louver w/ Reflector NL-417 CW, GW



Louver w/ Reflector NL-441 B, BZ, C, CO, G, N, W



Adj. Wall Wash Baffle 35° NL-449 (White) NL-448 (BW), BZ, CO, N



Adj. Wall Wash Reflector NL-450 35° (White)



CC SH

Adjustable Slot Aperture NL-445 (White), B, BZ, CO, N



2" Pinhole w/ Baffle NL-420 (White) NL-421 (Black)



1" Pinhole 35° NL-440 (White), B, BZ, C, CO, G, N



Adj. Eyeball w/ Baffle 35° NL-419 C, G NL-418 BB, BZ, CO, N, WB, WW



Gimbal w/ Baffle 35° NI -463

BB, BC, BG, BN, BW, BZ,

CO, WB, WC, WG, WW





Surface Adjustable 35° NL-465 B, BZ, C, CO, G, N, W





CC SH



Adjustable Spot 30° NL-491 B. N. W



Adjustable Elbow 90°/358° NL-470 B, BZ, C, CO, G, N, W

cc Custom Combo: Available with custom combinations of reflector and plastic and metal ring finish. See page 26 for details.

4" LOW VOLTAGE TRIMS



Albalite Lens NL-422 B, BZ, C, CO, G, N, W



Fresnel Lens NL-423 B, BZ, C, CO, G, N, W

NL-426

NL-486



Drop Opal Lens NL-424 B, BZ, C, CO, G, N, W



Frosted Dome Lens NL-425 B, BZ, C, CO, G, N, W



B, BZ, C, CO, G, N, W

Frost/Clear Flat Lens

B, BZ, C, CO, G, N, W



Flat Lens, White Plastic Trim NL-429 BWP, BZWP, COWP, CWP, GWP, NWP, WWP



Round Acrylic w/ Accent NL-461

(Gold), C

NL-427

Metropolitan Moon Glass





NL-495 BU, P



NL-497 BU, P, F



Floating Concentric Glass NL-498 B, BZ, C, CO, G, N, W



NL-438 (Clear Refl.) BZ, C, N, W NTG-4 Glass sold separately



4" Glass for NL-438 NTG-4 See page 152 for glass options

6" LOW VOLTAGE HOUSINGS

IC · AIR-TIGHT · VERSA · ELECTRONIC · MAGNETIC

Nora Lighting's 6" low voltage housings provide crisp, defined halogen illumination from MR16, AR111 or PAR36 light sources for any application. Available with electronic or magnetic transformer, 120V and 277V. Quick connects provided.



VERSA NLIC-601/1EL 3W-60W 120V Electronic NLIC-601/2EL 50W 277V Electronic NLIC-601QAT 50W 120V Magnetic 6" IC Airtight Low Voltage Housing Dia: 6-3/8" Depth: 7-3/4"



VERSA NL-601/1EL 3W-60W 120V Electronic NL-601/2EL 50W 277V Electronic NL-601/75/1EL 75W 120V Electronic NL-601/75/2EL 75W 277V Electronic NL-601Q 50W 120V Magnetic NL-601Q/277V 50W 277V Magnetic NL-601/75Q 75W 120V Magnetic NL-601/277/75Q 75W 277V Magnetic NL-601/277/75Q 75W 277V Magnetic 6" Low Voltage Housing Dia: 6-3/8" Depth: 7-1/2"



VERSA NLR-604/1EL 3W-60W 120V Electronic NLR-604/2EL 50W 277V Electronic NLR-604/75/1EL 75W 120V Electronic NLR-604/75/2EL 75W 277V Electronic NLR-604Q 50W 120V Magnetic NLR-604/277Q 50W 277V Magnetic NLR-604/277Q 75W 120V Magnetic NLR-604/277/75Q 75W 277V Magnetic NLR-604/277/75Q 75W 277V Magnetic 6" Low Voltage Remodel Dia: 6-3/8" Depth: 7-1/2"

LOW VOLTAGE RETROFIT KIT allows existing 6" line voltage housing to be converted to 6" low voltage. Both transformer kit and trim are required, ordered separately. Ideal for instantly changing general lighting to halogen or LED MR16 for general, spot and accent effects. Line Voltage MR16 GU10 Retrofit also available. *For non-IC applications only*.



6" Low Voltage Retrofit

NLK-2600 Non-IC with magnetic transformer for max 50W MR16 lamp

VERSA NLK-2600/EL Non-IC w/ electronic transformer for max 3W-50W MR16 halogen or LED lamp NLK-2636 Non-IC with magnetic transformer for PAR36/AR111 lamp

· Uses 6" Low Voltage MR16 Trims

6" Line Volt MR16 GU10 Retrofit NRA-34/10 without lamp NRA-37/10 with lamo

An economical solution to convert a medium based non-IC housing into a GU10 MR16 halogen or LED

- · No transformer · Easy dimming
- · Uses 6" Low Voltage MR16 Trims

6" LOW VOLTAGE TRIMS



Adjustable Baffle 35° NL-610W (White) MR16 NL-611B (Black) MR16



Designer Baffle 35° NL-641 MR16 (Black), W



Regressed Stepped Baffle NL-675 MR16 B, W 35°



MR16 Cone Reflector 35° NL-612 (G) NL-613 (B)



CINE"

Cone Reflector NL-614 (C) NL-616 (W)









NL-644 (C) NL-646 (W)

Surface Gimbal 35° NL-671 PAR36/AR111 B, BZ, C, CO, G, N, W

Reg Gimbal w/ Baffle 35° NL-672 PAR36/AR111 B, N, W

Reg Gimbal w/ Reflector 35° NL-673 PAR36/AR111 B, C, G, W







NL-628 MR16 B, W 35°

Regressed Eyeball w/ Baffle Reg. Spot Cylinder w/ Baffle MR16 Eyeball w/ Baffle 35° NL-670 MR16 B, BZ, CO, N, W 35°

NL-618 B. BB. W NL-619 C. G







Gimbal w/ Baffle 45° NL-663 MR16 B, BZ, C, CO, G, N, W, WW B, BZ, C, CO, G, N, W

Surface Round Spot 45° NL-665 MR16

Adj Elbow 90°/358° NL-680* MR16 B, BZ, C, CO, G, N, W







Wall Wash w/ Baffle 35° NL-648 (Black) MR16 NL-649 (White) MR16

Wall Wash w/ Baffle 35° NL-650 MR16 (White)

Slot Aperture 35° NL-645 MR16 B, BZ, CO, N, (White)



35°

1-3/4" Pinhole

NL-640 MR16



2" Pinhole w/ Baffle NL-620 MR16 B. W



Metropolitan Moon Glass NL-695P MR16 B, F, P

Metropolitan Stepped Glass Metropolitan Ice Light Glass NL-696W MR16 B, F, P

NL-697B MR16 B, F, P

^{*} Not for use with GU10 MR16 lamps | See page 10 for description of reflector finishes





Line Voltage Incandescent



Nora Lighting's family of line voltage fixtures are one of the largest in the industry offering 3", 4", 5", 6" and 8" apertures, using wattages up to 300 watts. Our wide variety of trims in designer finishes and intended for specific applications makes Nora a single source for all incandescent lighting needs. Easy to use and specify housing and trims are described in full on separate pages. The housings are listed first followed by the available trims and reflectors with maximum wattages. The trims selection is listed in the following order: Baffles, Open Reflectors, Shower Trim, Adjustable Reflector, Wall Wash and specialty trims.

6" LINE VOLTAGE ARCHITECTURAL + COMMERCIAL FRAME-INS + DEEP CONE REFLECTORS

150W A21 / PAR38 MAX

6" Architectural and Commercial fixtures provide optimum performance for commercial applications with high ceilings.



NHAV-6150

150W A21 / PAR38

6" Architectural Line Voltage Frame-In

Dia: 6-3/8" Depth: 10-1/2"

NH-150

150W A21 / PAR38

6" Commercial Line Voltage Frame-In

Dia: 6-3/8" Depth: 10-1/2"

NHR-150

150W A21 / PAR38

6" Architectural Line Voltage Remodel Frame-In Dia: 6-3/8" Depth: 9-3/4"

Can be factory labeled with reduced maximum wattage. Add / and maximum wattage to model number. Example: NH-150/25 - maximum wattage 25W.



Reflector w/ Baffle NTS-730B B. W



Open Reflector
NTS-731C
B, C, CWF, G, W



Cross Louver NTS-737G C, CWF, G



Open Single Wall Wash NTS-739SC



Open Double Wall Wash



Wall Wash w/ Lensed Refl. NTS-736C C, G



Wall Wash w/ Baffle NTS-734B B. W



Regressed Albalite Lens w/ Baffle NTS-732B B. W



Regressed Fresnel Lens w/ Baffle NTS-743W W



Regressed Drop Opal w/ Baffle NTS-735B B, W



Reflector w/ Flush Lens NTS-733CL CL-Clear, FL-Frost



Reflector for Deco Glass NTS-738C NTG-6 Glass sold separately See page 152 for glass options

cc Custom Combo: Available with custom combinations of reflector and plastic and metal ring finish. See page 26 for details.



8" LINE VOLTAGE ARCHITECTURAL + COMMERCIAL FRAME-INS + DEEP CONE REFLECTORS

150W A21 / PAR38 MAX

8" Architectural and Commercial fixtures provide optimum performance and use of high wattage (300W) lamps for applications with high ceilings.

NHAV-8300

250W PAR38 / 300W PS25

8" Architectural Line Voltage

Dia: 8-3/8" Depth: 10-1/2"

NH-300

250W PAR38 / 300W PS25 8" Commercial Line Voltage Frame-In

Dia: 8" Depth: 10-1/2"

NHR-300

250W PAR38 / 300W PS25 8" Architectural Line Voltage

Remodel Frame-In

Dia: 8-3/8" Depth: 9-3/4" Can be factory labeled with reduced maximum wattage. Add / and maximum wattage to model number. Example: NH-300/45 - maximum wattage 45W.



Reflector w/ Baffle NTS-932GB

CB, CW, GB, GW



NTS-931G



B, C, G, W





















Regress Lens w/ Reflector NTS-935G

G-Glass, L-Lexan, FG-Frost CL-Clear, FL-Frost



Reflector w/ Flush Lens NTS-936CL



Reflector for Deco Glass NTS-938C

NTG-8 Glass sold separately See page 152 for glass options

Nora Lighting will label with Reduced Wattage to meet watts per square foot add "/wattage". Example NH-300/25 - 8" frame 25W max

3" (TRUE 3") LINE VOLTAGE GU10 HOUSINGS 1" TO 2-1/2" APERTURE

COMPATIBLE WITH LED GU10 · 50W MR16 GU10 LAMP INCLUDED

Line Voltage Halogen fixtures do not require a transformer. Housings include quick connectors, and 120V, 50W GU10 lamp.



NHIC-350AT

50W MR16 GU10 lamp included 3" IC Airtight Double Wall MR16 GU10 Line Voltage Housing Dia: 3" Depth: 8-1/8"

NH-350AT

50W MR16 GU10 lamp included 3" Non-IC Airtight MR16 GU10 Line Voltage Housing Dia: 3" Depth: 4-1/2"

NHR-354AT

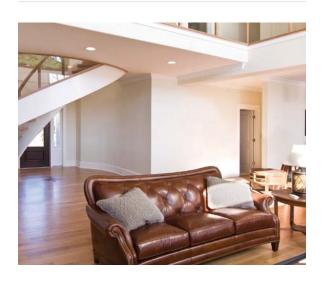
50W MR16 GU10 lamp included 3" Non-IC Airtight MR16 GU10 Line Voltage Remodel Dia: 3" Depth: 4-5/8"



50MR16EXN/L10S

50W MR16 GU10 lamp / silver back Sold separately

Can be factory labeled with reduced maximum wattage. Add / and maximum wattage to model number. Example: NH-350AT/12 - maximum wattage 12W.



3" (TRUE 3") LINE VOLTAGE TRIMS 1" TO 2-1/2" APERTURE



Square w/ Round Baffle **NL-3410BZ** BB, BW, BZ, NN, WW



Square w/ Round Reflector NL-3412CW
BB, BW, BZ, CW, HZW, NN, WW



Square w/ Round Reflector NL-3412WW
BB, BW, BZ, CW, HZW, NN, WW



Square Pinhole
NL-3420
BB, BW, BZ, NN, WW



Square Pinhole w/ Lens NL-3423
BB, BW, BZ, NN, WW



Square w/ Round Lens NL-3413 BB, BW, BZBZ, CW, HZW, NN, WW



Adjustable Baffle w/ Ring NL-3310NN
Baffle: B, BZ, CO, N, W



Adj Reflector w/ Ring
NL-3312CBZ
Reflector: B, C, BZ, CO,
G, HZ, N, W



Cross Louver w/ Reflector NL-3337GW CW, GW



Metal Trim w/ 1" Pinhole NL-3320W B, BZ, C, CO, G, N, W 35°



Adjustable Slot Aperture **NL-3345BZ**B, BZ, C, CO, G, N, W 35°



Eyeball w/ Baffle

NL-3318W

B, BZ, C, CO, G, N, W 10°



Wall Wash w/ Baffle NL-3348BW BB, BW, WW



Wall Wash w/ Baffle NL-3348BW BB, BW, WW



Wall Wash w/ Reflector NL-3350BW
B, BZ, C, N, W



Frosted Dome Lens **NL-3325G**B, BZ, C, CO, G, N, W



Frosted Flat Lens
NL-3326W
B, BZ, C, CO, G, N, W

cc Custom Combo: Available with custom combinations of reflector and plastic and metal ring finish. See page 26 for details.





4" LINE VOLTAGE GU10 HOUSINGS | FD GU10 COMPATIBLE

50W MR16 GU10 LAMP INCLUDED

Line Voltage Halogen fixtures do not require a transformer. Housings include quick connectors, and new and improved 120V, 50W GU10 lamp.

NSLIC-401AT/10

50W MR16 GU10 lamp included 4" IC Airtight Double Wall MR16 GU10 Line Voltage Housing Dia: 4-3/8" Depth: 8"



NSL-401AT/10

50W MR16 GU10 lamp included 4" Non-IC Airtight MR16 GU10 Line Voltage Housing Dia: 4-3/8" Depth: 5-3/4"



NSEIC-407AT/20

20W Max MR16 GU10 lamp not included 4" IC Airtight MR16 GU10 (LED) Line Voltage Housing

Dia: 4-3/8" Depth: 5-5/8"



NSR-4040AT/10

50W MR16 GU10 lamp included 4" Non-IC Airtight MR16 GU10 Line Voltage Remodel

Dia: 4-3/8" Depth: 5-5/8"



MSERIC-407AT/20

20W Max MR16 GU10 lamp not included 4" IC Airtight MR16 GU10 (LED) Line Voltage Remodel

Dia: 4-3/8" Depth: 5-5/8"



50MR16EXN/L10S

50W MR16 GU10 lamp with silver back Sold separately



Can be factory labeled with reduced maximum wattage. Add / and maximum wattage to model number. Example: NH-150/25 - maximum wattage 25W.

4" LINE VOLTAGE GU10 TRIMS LED GU10 COMPATIBLE



Square Trim w/ Baffle NL-4810WN BB, BBZ, BCO, WC, 35° WG, WN, WW



Square Trim w/ Reflector NL-4814CW BB, BZBZ, CB, CC, CG, CW, BB, BBW, BWW, BZBZ, COCO, GW, HZW, NN 35° HZW, NN, WW



Square Regress Adj Reflector NL-4857 35°



Square w/ 1" Pinhole NL-4840N B, BZ, C, CO, G, N, W



NL-4855 35° BB, BW, BBZ, BN, WW 35° BZBZ, HZHZW, NN, WW



Square w/ 2" Square Pinhole Square Adj. w/ Clear Lens NL-4859



Square w/ Frosted Dome NI -4825CO B, BZ, C, CO, G, N, W



Square w/ Frost Flat Lens NI -4826W B, BZ, C, CO, G, N, W



Frost Flat/Clear Center Lens NI -4827W B, BZ, C, CO, G, N, W



Square Trim w/ Gimbal NL-4865N B, BZ, C, CO, G, N, W



Plastic Square Baffle NL-486W 35° (White)



Deep Cone Reflector NL-432 BW, BZ, BZW, CO, CW, HZ, HZW. N. NW. WW



Adjustable Reflector 45° NL-469C0 B, BZ, C, CO, G, HZ, N, W



Adjustable Reflector 35° NL-412 (G) NL-413 (B)



Adjustable Reflector 35° NL-452 (Natural Metal) NL-414 (C), HZ NL-416 (W) NL-453 (Copper), BZ



Adjustable Baffle 35° NL-410W BZ, CO, N, P, (White)



Adjust Black Baffle 35° NL-411G Ring: B, BZ, C, CO, G, N, P, (W) B, W



Adjustable Baffle 45° NL-468B



Cross Louver w/ Reflector NL-417CW CW, GW



Adj Wall Wash w/ Baffle NL-448 (B Baffle), BZ, CO, N NL-450 (White) NL-449 (W Baffle)



Adj Wall Wash w/ Reflector

Custom Combo: Available with custom combinations of reflector and plastic and metal ring finish. See page 26 for details.



4" LINE VOLTAGE GU10 TRIMS | FD GU10 COMPATIBLE



Adjustable Slot Aperture NL-445N B, BZ, CO, N, (White)



2" Pinhole w/ Baffle NL-420 (B Baffle) NL-421 (W Baffle)



1" Pinhole NL-440C0 B, BZ, C, CO, G, N, (White)



Reflector with Flat Glass. White Plastic Ring NL-429 BWP, BZWP, COWP, CWP, GWP, NWP, WWP



Floating Concentric Glass NL-498B

B, BZ, C, CO, G, N, W



Reflector for Deco Glass NL-438W BZ, C, N, W NTG-4 Glass sold separately See page 152 for glass options



Albalite Lens w/ Reflector NI -422G B, BZ, C, CO, G, N, W



Fresnel Lens w/ Reflector NI -423W B, BZ, C, CO, G, N, W



Drop Opal Lens w/ Reflector NI -424N B, BZ, C, CO, G, N, W



Frosted Dome w/ Reflector NL-425W B, BZ, C, CO, G, N, W



Flat Frost Lens w/ Reflector Flat Frost Clear Center Lens NL-426W B, BZ, C, CO, G, N, W







Adj. Eyeball w/ Baffle 35° NL-419 C, G NL-418N BB, BZ, CO, N, WB, WW



Gimbal w/ Baffle 35° NL-463CO BB, BC, BG, BN, BW, BZ, CO, WB, WC, WG, WW



Surface Adjustable 35° NL-465C0 B, BZ, C, CO, G, N, W



30° Adjustable Spot NL-491N B. N. W



Louver w/ Reflector NL-441

B, BZ, C, CO, G, N, W



Round Acrylic w/ Accent NL-461C (Gold), C



Metropolitan Moon Glass NL-495P B, P, F



Metropolitan Stepped Glass Metropolitan Ice Light NL-496F B, P, F



NL-497B B, P, F

4" LINE VOLTAGE R/PAR HOUSINGS + TRIMS MEDIUM BASE

50W R/PAR 20 MAX

All Nora 4" housings are thermally protected, listed for damp location, listed for feed through and include an adjustable socket, 24-1/2" adjustable bar hangers with captive nails and quick connects.



NFBIC-4INCAT* 50W R/PAR20 4" 2-Hour Fire Rated Line Volt Housing Dia: 4-3/8" Depth: 6-38"

NSIC-401QAT* 50W R/PAR20 4" IC Airtight Double Wall Line Voltage Housing Dia: 4-3/8" Depth: 6"

NS-401QAT* 50W R/PAR20 4" Non-IC Airtight Line Voltage Housing Dia: 4-3/8" Depth: 5-3/4"

NSRIC-404QAT* IC 50W R/PAR20 NSR-404QAT* Non-IC 50W R/PAR20 4" Airtight Line Voltage Remodel Dia: 4-3/8" Depth: 6-1/4" (IC), 5-5/8" (Non-IC)

* Can be factory labeled with reduced maximum wattage. Add / and maximum wattage to model number. Example: NSR-404AT/12 - maximum wattage 12W.



Square Trim w/ Baffle NS-4910WN BB, BBZ, BCO, WC. WG. WN. WW



Square Trim w/ Reflector NS-4914GW BB, BZBZ, CB, CC, CG, CW. COCO. GW. HZW. NN



Square Regressed Trim NS-4857 BB, BBW, BWW, BZBZ, HZW, NN, WW



Square Trim w/ 1" Pinhole NS-4940C0

B, BZ, C, CO, G, N, W



Square w/ Frost Flat Lens NS-4926C0 B, BZ, C, CO, G, N, W



Square Frost/Clear Flat Lens NS-4927W B, BZ, C, CO, G, N, W



Square w/ 2" Square Pinhole Square Trim w/ Gimbal NS-4855

BB, BW, BBZ, BN, WW



NS-4912W BZ, CO, N, W 20°

Surface Gimbal 20° NS-12N BZ, CO, N, W

Custom Combo: Available with custom combinations of reflector and plastic and metal ring finish. See page 26 for details.



4" LINE VOLTAGE R/PAR

TRIMS MEDIUM BASE continued

50W R/PAR 20 MAX



Stepped Baffle NS-40 (W), BZ, CO, N NS-41 (Black Baffle)



Adj. Stepped Baffle 15° NS-40A (White Baffle) NS-41A (Black Baffle)



Phenolic Stepped Baffle w/ White Plastic Ring NS-40P (W) NS-41P (B)



Reflector NS-42 (G) NS-43 (B) NS-44 (C), HZ NS-46 (W) NS-53 (Copper), BZ Ring: B, BZ, C, CO, G, N, W



Reflector w/ Matching Ring NS-52 (Natural Metal)



Adjustable Reflector NS-42A (G) NS-43A (B) NS-44A (C) NS-46A (W)



Cross Louver Reflector NS-57CW CW, GW



Wall Wash w/ Baffle NS-48 (White), BZ, CO, N NS-49 (Black Baffle)



Wall Wash w/ Reflector NS-50 (White) NS-58 (Chrome)



1" Pinhole NS-45BZ B, BZ, CO, N, (White)



2" Pinhole w/ Baffle NL-420 (Black Baffle) NL-421 (White Baffle) 45W PAR16



Adjustable Slot Aperture 10° NS-47N B, BZ, CO, N, (White)



Eveball Trim 15° NS-18CO (W), B, BZ, CO, N NS-19 C. G



Lensless Shower Baffle Cone Drop Opal Lens NS-76W Air Tight B, BZ, CO, N, W



NS-24G B, BZ, C, CO, G, N, W



NS-22B Albalite Lens NS-23W Fresnel Lens B, BZ, C, CO, G, N, W



Frosted Dome Lens NS-25W B, BZ, C, CO, G, N, W



NS-26W Frosted Flat Lens NS-27W Frost w/ Clear Center B, BZ, C, CO, G, N, W



Floating Concentric Glass NL-498BZ 45W PAR16 B, BZ, C, CO, G, N, W



Reflector for Deco Glass NS-38W BZ, C, N, W NTG-4 Glass sold separately



Decorative Glass for NS-38 NTG-4 See page 152 for glass options

Custom Combo: Available with custom combinations of reflector and plastic and metal ring finish. See page 26 for details.



5" LINE VOLTAGE R/PAR **HOUSINGS + TRIMS** MEDIUM BASE

75W MAX · IC AND NON-IC

Nora 5" housings are thermally protected, listed for damp location, and include an adjustable socket, 24-1/2" adjustable bar hangers with captive nails and guick connector. Trim determines maximum wattage.



NFBIC-5INCAT*

5" 2-Hour Fire Rated Line Volt Housing Dia: 4-3/8" Depth: 6-3/8"

NHIC-501QAT New Construction NHRIC-5040AT Remodel

5" IC Airtight Line Voltage Housing 75W Medium Base · Floating Socket Dia: 5-5/8" Depth: 7-1/2"

NH-501Q New Construction NHR-5040 Remodel

5" Non-IC Line Voltage Housing 75W Medium Base · Floating Socket Dia: 5-5/8" Depth: 7-1/2"



NHIC-527QAT SH New Construction NHRIC-527QAT SH Remodel

5" IC Airtight Line Voltage Shallow Housing 75W Medium Base · Floating Socket Dia: 5-5/8" Depth: 5-7/8"

* Can be factory labeled with reduced maximum wattage. Add / and maximum wattage to model number. Example: NHIC-527QAT/15 - maximum wattage 15W.



Baffle Splay NT-5001N 50W/75W BR/PAR30 B. BZ. CO. MW. N. W



Baffle Splay w/ Ring NT-5010C0 50W/75W BR/PAR30 B. BZ. CO. N. W



Cone Baffle w/ Wall Wash NT-5045W 75W BR/PAR30 B. BZ. CO. N. W







Splay Trim NT-5000W 7 5W BR/PAR30 BZ, CO, N, W



Open Trim NT-5030W 75W BR/PAR30 BZ, C, CO, N, W

cc Custom Combo: Available with custom combinations of reflector and plastic and metal ring finish. See page 26 for details.



5" LINE VOLTAGE R/PAR TRIMS MEDIUM BASE continued



Deep Phenolic Baffle NT-5012B 75W BR/PAR30 B, BZ, CO, N, W



Airtight Cone Baffle NTM-513B 50W/75W BR/PAR30 B, W, WM



Airtight Cone Reflector NTM-5014W 75W BR/PAR30





Reflector NT-5020B 75W BR/PAR30 B, C, G, W



Shallow Cone Reflector NT-5002N 35W BR/PAR30 B, BZ, C, CO, G, HZ, N, W



30°

PAR20 Eyeball 30°

SH

PAR30 Gimbal NT-5060C0 50W/75W PAR30 B, BZ, CO, N, W

NT-5071N 50W R/PAR20 B, BZ, CO, N, W

PAR30 Eyeball 30 NT-5070W 50W/75W BR/PAR30 B, BZ, CO, N, W





Baffle w/ Regressed Gimbal Baffle w/ Regressed Eveball Reflector w/ Reg Eveball NT-5061BZ 30° 75W PAR30 B, BZ, CO, N, W

NT-5048B 35° 50W/75W BR/PAR30 B, N, W

NT-5049C 50W/75W BR/PAR30 C. G







NT-5022N 40W/60W A19 NTS-5022* Front Load SH 25W/60W A19 35W PAR30 B, BZ, C, CO, G, N, W

NT-5023BZ 40W/60W A19 NTS-5023* Front Load SH 25W/60W A19 35W PAR30 B, BZ, C, CO, G, N, W

Drop Opal Lens NT-5024W 40W/60W A19 NTS-5024* Front Load SH 25W/60W A19 35W PAR30 B, BZ, C, CO, G, N, W







Frosted Dome w/ Reflector NT-5050 SH 40W/60W A19 35W PAR30 B, BZ, CO, N, W



NT-5026C 40W/60W A19 NTS-5026* Front Load SH 25W/60W A19 35W PAR30 B, BZ, C, CO, G, N, W

Frosted Flat Lens







Lensless Shower Baffle Cone Reflector for Deco Glass NTM-526

75W PAR30 B, BZ, CO, N, W NTS-5038W NTG-5 Glass sold separately Deco Glass for NTS-5038 NTG-5 See page 152 for glass options

25W/60W A19 35W PAR30 BZ, C, N, W

Fire Box Compatible





6" LINE VOLTAGE HOUSINGS MEDIUM BASE

A19 / R/PAR20 / R/PAR30 / R40/PAR38 · IC AND NON-IC

All Nora 6" housings are thermally protected, listed for damp location, and include an adjustable socket, 24-1/2" adjustable bar hangers with captive nails and quick connector. Trim determines maximum wattage.



NFRIC-6INCAT*

6" 2-Hour Fire Rated Line Volt Housing Dia: 4-3/8" Depth: 6-3/8"

NHIC-17/100DWQA

A19 / BR/PAR30 / BR40/PAR38

6" IC Airtight Line Voltage Housing Dia: 6-3/8" Depth: 7-3/4"

NHIC-17QAT

NHIC-17QNBAT NB Floating Socket A19 / R/PAR20 / BR/PAR30 / BR40/PAR38

6" IC Airtight Line Voltage Housing Dia: 6-3/8" Depth: 7-1/2"



NHRIC-17QNBAT NB Floating Socket A19 / R/PAR20 / BR/PAR30 / BR40/PAR38

6" IC Airtight Line Voltage Remodel Dia: 6-3/8" Depth: 7-1/2"



NHIC-270AT SH A19 / R/PAR20 / BR/PAR30 6" IC AT Line Volt. Shallow Housing

Dia: 6-3/8" Depth: 5-1/2"

NHRIC-270AT SH A19 / R/PAR20 / BR/PAR30 6" IC AT Line Volt. Shallow Remodel Dia: 6-3/8" Depth: 5-1/2"



NH-26QNB NB Floating Socket A19 / R/PAR20 / BR/PAR30 / BR40/PAR38

6" Non-IC Line Voltage Housing Dia: 6-3/8" Depth: 7-1/2"



A19 / R/PAR20 / BR/PAR30 / BR40/PAR38

6" Non-IC Line Voltage Remodel

Dia: 6-3/8" Depth: 7-1/2"

Dia: 6-3/8" Depth: 5-1/2"



NH-27Q SH A19 / R/PAR20 / BR/PAR30

6" Non-IC Line Volt, Shallow Housing Dia: 6-3/8" Depth: 5-1/2"

NHR-270 SH A19 / R/PAR20 / BR/PAR30 6" Non-IC Line Volt. Shallow Remodel

Nora Lighting will label with Reduced Maximum Wattage - add "/wattage". Example NHIC-17QAT/25 - Wattage is 25W max

NB No Bracket-Floating Socket SH Shallow Coustom Combinations Airtight





6" LINE VOLTAGE TRIMS MEDIUM BASE

BAFFLE TRIMS



Airtight Aluminum Cone Baffle NTM-713WAL BR/PAR30 / BR40/PAR38 BAL, BBAL, WAL



Airtight Cone Refl w/ Baffle NTA-730W A19 / BR/PAR30 / BR40/PAR38 NTA-102 (W) B, W



Cone Reflector w/ Baffle NTA-101 (B), BZ, CO, N A19 lamp



BR/PAR30 Stepped Baffle NTM-30C0 (Black Baffle) NTM-31 (White Baffle) NTP-30 (Black) Phenolic



BR/PAR30 Stepped Baffle NTP-31 (White) Phenolic Ring: B, BZ, C, CO, G, N, (W) Ring: B, BZ, C, CO, G, N, (W) Ring matches Baffle



BR/PAR30 Stepped Baffle NTM-32 (Natural Metal) NTM-33 (Copper)



NTM-40 (B) NTP-40 (B) Phenolic



NTM-41 (W), BZ, CO, N NTP-41 (W) Phenolic Ring: B, BZ, C, CO, G, N, (W) Ring: B, BZ, C, CO, G, N, (W)



BR40/PAR38 Stepped Baffle BR40/PAR38 Stepped Baffle BR/PAR30 Stepped Baffle NTM-34 (Bronze) Ring matches Baffle



Open Stepped Baffle NTM-29BG BR/PAR30



Designer Stepped Baffle NT-641W R/PAR20 BC, BG, BW, WC, WG, WW Baffle: B, CO, W Ring: (W) BAL, BZ, N, WAL



Shallow w/Baffle NTM-716 BR/PAR30

REFLECTOR TRIMS





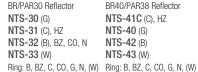


Airtight Cone Reflector NTM-710 with Flange NTS-714 with Ring A19 / BR/PAR30 / BR40/PAR38 NTA-99 (W) B, C, G,W



A19 Cone Reflector NTA-96 (G) NTA-97 (C), HZ NTA-98 (B), BZ, CO, N Ring: B, BZ, C, CO, G, N, (W)







BR40/PAR38 Reflector NTS-41C (C), HZ NTS-40 (G) NTS-42 (B) NTS-43 (W)



R/PAR20 Designer Reflector NTS-642 (G) NTS-643 (B) NTS-644 (C) NTS-646 (W)

cc Custom Combo: Available with custom combinations of reflector and plastic and metal ring finish. See page 26 for details.



6" LINE VOLTAGE TRIMS MEDIUM BASE continued

ADJUSTABLE + EYEBALL TRIMS



Eyeball w/ Black Baffle NTM-38 75W BR/PAR30 30°



Eyeball w/ White Baffle NTM-39 75W BR/PAR30 30°



Eyeball Metal Trim NT-28 (W), B, BZ, CO, N NT-29 C. G 75W BR/PAR30 30°



PAR30 Open Gimbal 30° NTM-52C B, BZ, C, CO, G, N, W



Surface Round Spot NL-665CO 55W PAR16

(B), BZ, C, CO, G, N, W



Baffle w/ Regress Eyeball NTM-48 (BW), BB NTM-49 (WW), BZ, CO, N 75W BR/PAR30 35°



B, BZ, C, CO, G, N, W

Baffle w/ Regress Eyeball NTM-50C 75W BR/PAR30 35° C. G Baffle: Black

NTM-53G







B, C, G, W



Baffle w/ Adjustable Gimbal Baffle w/ Adjustable Gimbal NTM-54CO 75W PAR30 NTM-55BZ 100/150W PAR38 B, BZ, CO, N, W 30° B, BZ, CO, N, W



20°



20°

Reflector w/ Adj. Gimbal NTM-56BG 75W PAR30 B. C. G. W 20°



Reflector w/ Adj. Gimbal NTM-57C 100W/150W PAR38 B. C. G. W

OPEN TRIMS









Open Metal Trim NT-43 (B) NT-40 (W), N NT-41 (G) NT-42 (C)

100W/150W BR40/PAR38



Designer Open Metal Trim NT-620 50W R/PAR20 B. C. G. W



Splay Metal Trim NT-30DCO (W), BZ, CO, N NT-40D (W) NT-33D (B) 75W BR/PAR30



NT-43D (B) 100W/150W BR40/PAR38 B, BZ, CO, N, (W)



NT-50 40W/60W A19

cc Custom Combo: Available with custom combinations of reflector and plastic and metal ring finish. See page 26 for details.



6" LINE VOLTAGE TRIMS MEDIUM BASE continued

WALL WASH TRIMS



Wall Wash w/ Baffle NT-648 50W R/PAR20 B, W







NT-25 50W R/PAR20 NT-650 Reflector A19



NTS-35C 75W R/PAR30 B, C, G, W



Wall Wash w/ Baffle NTA-103 Cone Reflector B, BZ, CO, N, W A19

LENSLESS SHOWER + LENSED TRIMS



NTM-726 100W/150W PAR38 B, BZ, CO, N, W



Albalite Lens NTS-22N Cone Reflector NT-22 SH Metal (White), B, BZ, C, CO, G, N NP-22 SH Plastic (White) 25W/40W/60W A19



Albalite Lens w/ Bracket NTM-322 Metal B, BZ, C, CO, G, N, W NP-322 Plastic (White) 40W/60W A19



Reg. Albalite Lens w/ Baffle NTM-42 40W/60W A19 (Black), BZ, CO, N, W





NTS-25 Cone Reflector 40W/60W A19 (White), B, BZ, C, CO, G, N



NTS-23BZ Cone Reflector NT-23 SH Metal (White), B, BZ, C, CO, G, N NP-23 SH Plastic (White) 25W/40W/60W A19



NTM-323 Metal B, BZ, C, CO, G, N, W NP-323 Plastic (White) 40W/60W A19



Reg. Fresnel Lens w/ Baffle NTM-43 40W/60W A19 (Black), BZ, CO, N, W



B, C, G, W



NTS-26 Cone Reflector 40W/60W A19 (White), B, BZ, C, CO, G, N



NTS-24 Cone Reflector NT-24 SH Metal (White), B, BZ, C, CO, G, N NP-24 NP-24PC SH Plastic 25W/40W/60W A19



Drop Opal w/ Bracket NTM-324 Metal B, BZ, C, CO, G, N, W NP-324 Plastic (White) 40W/60W A19



Reg. Drop Opal w/ Baffle NTM-46 40W/60W A19 BZ, CO, M, N, W



Reflector for Deco Glass NTA-638 BZ, C, N, W 60W/100W A19 NTG-6 Glass sold separately See page 152 for glass options



6" SLOPE CELLING LINE VOLTAGE HOUSINGS + TRIMS

75W / 100W / 150W MEDIUM BASE · IC AND NON-IC



NHIC-926/DWQAT 100W Medium Base 6" IC Airtight Double Wall, High Wattage, Sloped Ceiling Line Voltage Housing Dia: 6-1/2" x 7" Depth: 7-3/4"

NHIC-926QAT 75W Medium Base 6" IC Airtight Sloped Ceiling Line Voltage Housing Dia: 6-1/2" x 7" Depth: 7"

NHRIC-926QAT 75W Medium Base 6" IC Airtight Sloped Ceiling Line Voltage Remodel Dia: 6-1/2" x 7" Depth: 7-1/2"

NH-9260 150W Medium Base 6" Non-IC Sloped Ceiling Line Volt. Housing Dia: 6-1/2" x 7" Depth: 7"

NHR-926Q 150W Medium Base 6" Non-IC Sloped Ceiling Line Volt, Housing Dia: 6-1/2" x 7" Depth: 7-1/2"



Sloped Baffle B. W NTM-615B Metal Baffle NTP-614B Phenolic NTM-614B/45 Super Slope



Sloped Reflector NTS-615G NTM-615B/45 Super Slope NTS-615/45G Super Slope NT-29 C, G



Eyeball 45° NT-28CO (W), B, BZ, CO, N



PAR30 White Eyeball 25° NTM-38 (B Baffle) NTM-39 (W Baffle)



B, C, G, W

PAR30 Open Gimbal NTM-52N 23°-32° B, BZ, C, CO, G, N, W



PAR38 Open Gimbal NTM-53BZ 25° B, BZ, C, CO, G, N, W



NT-25 A19 (White), B



NT-23 Fresnel A19 B, BZ, C, CO, G, N, (White) B, BZ, C, CO, G, N, W



Drop Opal Lens NT-24W A19

8" SQUARE HOUSINGS + TRIMS

IDEAL FOR SHALLOW PLENUMS

CERAMIC METAL HALIDE

NSD-850EL 50W ED17 NSD-870EL 70W ED17

8" Square Shallow HID Electronic CMH Housing

Dimensions: 8" x 8" Depth: 5-1/2"



COMPACT FLUORESCENT

Available with Emergency back-up. Add suffix /EM

NSHP-8Q (2) 13W Quad 2-Pin

8" Square Fluorescent Housing NSHP-8/EL (2) 13W Quad 4-Pin

8" Square Fluorescent Housing, Electronic NSHP-82642EL (1) 26W-42W Quad 4-Pin

8" Square Fluorescent Housing, Electronic Dim: 8-9/16" x 8-9/16" Depth: 4-1/2"

NSHPIC-8 (1) 13W Quad 2-Pin

8" Square Fluorescent IC Housing NSHPIC-8EL (1) 13W Quad 4-Pin

8" Square Fluorescent IC Housing, Electronic Dim: 8-9/16" x 8-9/16" Depth: 7-1/2"





INCANDESCENT

All housings include quick-connects for easy wiring.

NSH-8Q 100W A19

8" Square Incandescent Quick Connect Housing

Dim: 8-9/16" x 8-9/16" Depth: 4-1/2"

NSHIC-8 60W A19

8" Square Incandescent IC Housing Dim: 8-9/16" x 8-9/16" Depth: 7-1/2"



8" SQUARE TRIMS cULus Wet Label Listed for HID, Compact Fluorescent and Incandescent



Mini Prismatic Lens
NST-21



Albalite Lens NST-22



Fresnel Lens NST-23



RETROFIT KITS RECESSED

Nora Lighting's Retrofit products offer an easy and economical solution to improving the quality and efficiency of light in an existing recessed housing. Convert line voltage recessed units to LED, Compact Fluorescent, Low Voltage or even a Track Monopoint. Nora Retrofit products change existing lighting without expensive remodeling.



Marquise Series

LED RETROFIT - 4", 5", 6", 8" Retrofit full product descriptions on page listed.

- · Sapphire Series Commercial Retrofit page 65
 - 850 to 4000 Lumen
 - 6" and 8"
- · Iolite Series page 69
 - 800 Lumen, 95 CRI
 - 4" Modular Adjustable
- · Marquise Series page 66
 - 850 Lumen (Comfort Dim option)
 - 5" and 6"
- Cobalt Series page 70-75
 - IC 750 & 1000 Lumen
 - 4", 4" Square, 5", 5" Adjustable, 6", 6" Adjustable
- · Onyx Series page 76
 - 4" 650 & 5"/6" 750 Lumen
- · Opal Series page 78
 - Surface Mount 800 Lumen
- 6



NPK Series

COMPACT FLUORESCENT RETROFIT - 6"

See full product description on page 103

- · Title 24 when hardwired in IC AT Rated housing
- · Can qualify for Energy Rebate
- · Available in 13, 18, Double 13 and 26 watt
- $\cdot\ \ \mbox{UL}$ listed for hardwire applications
- · Electronic Transformers
- Can be used with existing trims or update with over 100 trims offered by Nora
- · No tools or rewiring required



NLK-2600 Series NLK-2636 Series

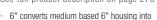
LOW + LINE VOLTAGE RETROFIT - 6" See full product description on page 128

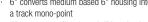
- · LED compatible
- · Over 20 trim selections
- · 7 trim finishes
- · Quiet Electronic or Magnetic Transformers
- · Compatible with most 6" Non-IC Housings
 - · Easy installation
- · No tools or rewiring required



NRA-37/10

TRACK MONOPOINT RETROFIT - 4", 6 See full product description on page 273





- 4" converts medium based 4" housing into a track mono-point
- · No tools or rewiring required
- · Over 100 track head selections in 5 light sources.
- Pendant adaptors in 5 light sources and 100+ glass styles



NT-376 and NT-374



2-HOUR FIRE RATED HOUSING

Nora Lighting's new specification-grade, fire-rated, new construction recessed downlight was designed to meet strict fire safety codes in commercial, multi-family and residential applications. The cULus listed double wall fixture incorporates a non-combustible fiber insulation to prevent the passage of flames, toxic gases, and ignitable gasses into ceiling plenums and is rated for a minimum of 2 hours protection.

NFB Series 4", 5" and 6" Two Hour Fire Rated Housing

- · UL Classified 2-hour rated.
- · Air-Tight and IC rated
- · Installs like a standard housing
- Uses Nora reflector trims
- · Fire tested
- · Sound deadening
- Available in Dedicated LED, Retrofit LED, Incandescent and Fluorescent



See pages 34-35 for more information

FIRE RATED RECESSED ENCLOSURE

Nora's one-hour fire-rated enclosure can be used with 3", 4", 5" and 6" economy grade, single wall LED, Line Voltage, Compact Fluorescent, and 6" electronic HID economy fixtures. Reduce time and labor costs while ensuring compliance to building codes.

NRA-126 IC or Non-IC

One Hour Fire Rated Enclosure

- · Flanges: 2-5/8" wide for easy mounting.
- · Material: Corrosion-resistant metal.
- · Internal Dimensions: 20-1/8" x 12" x 9-1/2"
- Listings: ASTM E119-05a UL 263 UBC 7-1 NFPA 251 ANSI A2.1 Certified by Omega Point Laboratories Certified by Intertek & Warnock Hersey



ROUND RECESSED HOLE CUTTER

Can cut drywall, plywood, plaster and acrylic sheeting up to 7/8" thick. Can also be used for cutting aluminum, brass, and metal sheets up to 1/16" thick. Works with variable speed hand drill or drill press.

NSC-6500 Round Hole Cutter Cutting diameter from 1-3/4" to 6-3/8"

NSC-6600 Round Hole Cutter Cutting diameter from 1-3/4" to 7-1/2"

All replacement parts available









TRIM ACCESSORIES RECESSED



6" Trim Rings

 $NRA\mbox{-}106~5/8"$ Plastic Ring for Architectural and Commercial Trims B, C, G, W

NMOR-30 7/8" Oversize Metal B, BZ, C, CO, G, N, W

NMR-30 5/8" Designer Metal B, BZ, C, CO, G, N, W NOR-30 7/8" Oversize Plastic B, C, G, W

NR-30 5/8" Designer Plastic B, C, G, W

5" Trim Rings

NMOR-501 7/8" Oversize Metal B, BZ, C, CO, G, N, W NR-501 5/8" Designer Metal B, BZ, C, CO, G, N, W

4" Trim Rings

NOR-401 7/8" Oversize Metal B, BZ, C, CO, G, N, W NR-401D 5/8" Die-Cast Metal B, BZ, C, CO, G, N, W NR-401 5/8" Designer Metal B, BZ, C, CO, G, N, W NR-401P 5/8" Designer Plastic B. C. G. W

3" Trim Rings

 $NR\mbox{-}3301~$ 1/2" Designer Metal B, BZ, C, CO, G, N, W



Colored and Optical Filters NM-100 B, C, F, G, L, P, R, S, Y /MR11, /MR16, /PAR30, /470, /127, /128





8" Decorative Glass

NTG-8B/167 A,B,G,R w/ Open Center NTG-8B/80 A,B,G,R w/ Open Center NTG-8CF Frost Center/Clear Outer NTG-8FC Clear Center/Frost Outer NTG-8HC Frost/Clear/Open Center

6" Decorative Glass

NTG-6B/120 A,B,G,R w/ Open Center NTG-6B/80 A,B,G,R w/ Open Center NTG-6CF Frost Center/Clear Outer NTG-6FC Clear Center/Frost Outer NTG-6HC Frost/Clear/Open Center

5" Decorative Glass

NTG-5B/80 A,B,G,R w/ Open Center NTG-5CF Frost Center/Clear Outer NTG-5FC Clear Center/Frost Outer NTG-5HC Frost/Clear/Open Center

4" Decorative Glass

NTG-4B/80 A,B,G,R w/ Open Center NTG-4CF Frost Center/Clear Outer NTG-4FC Clear Center/Frost Outer NTG-4HC Frost/Clear/Open Center

A-Amber, B-Blue, G-Green, R-Red

NRA-203 Glass Hardware included



NRA-203 Glass Hardware Kit Required to add a second layer of glass.



NRA-86 "V" Torsion Springs



NRA-22 Coil Springs

HOUSING ACCESSORIES RECESSED



Bar Hangers (Set of 2) NRA-28 27" Flat NRA-60 24-1/2" Adjust.



Channel Bar Hangers NRA-38 25" (Set of 2)



Socket Bracket/ Adj. Plate NRA-15 6" Com Fluor NRA-151 4" Com Fluor



Remodel Housing Clip NRA-21 4", 5", 6"



13W CF Electronic Ballast BAEQF013TQ411AD (1) 13W CFL - 120V BAEBF013TQ43UUN (1-2) 13W CFL - 120V-277V



18W CF Electronic Ballast BAEQF018TQ431AD (1) 18W CFL - 120V BAEBF018TQ43UUN (1-2) 18W CFL - 120V-277V



26W CF Electronic Ballast BAEQF026TQ411UN (1) 26W CFL - 120V



26-42W CF Electronic Ballast BAEBF908TQ43UUN (1) 26W CFL - 120V/277V



26-42W CF Electronic Ballast BAEBF908TQ43AD (2) 26W CFL - 120V/277V



Socket Extender NRA-10



Eyeball Socket Adapter NRA-11



Socket w/ Thermal Protector NRA-14 6" Economy NRA-14/5 5" Housing



Low Voltage MR16 Socket w/ Leads NRA-34 6" / no shield NRA-36 24" / w/ shield



Halogen GU10 Retrofit Kit NRA-34/10 no lamp NRA-37/10 w/ lamp



Monopoint Adapter NT-374 4" Housing NT-376 6" Housing Converts line voltage housing to track monopoint



75W Magnetic Transformers NRA-29/75 120V/12V NRA-29/75/277V 277V/12V 6.3A 75W for Low Voltage



Magnetic Transformer w/ J-Box Plate NRA-6037 120V/12V 4.2A 50W for Low Voltage



Electronic Transformer w/ J-Box Plate NRA-6061 120V/12V VERSA 3W-50W for Low Voltage



Emergency Switch Plate NEPK-BSL-26CITS NRA-123MAG Magnetic



Extension Collar for Architectural Frame-ins NRA-130 6" NRA-160 8"

See pages ???-??? for additional Transformers and Drivers



LED · COMPACT FLOURESCENT · INCANDESCENT

Nora step lights create a safe path of light or warn of elevation change in residential and commercial applications. The completely recessed fixtures blend with any architectural design. The LED step lights are maintenance free and available with lensed and louvered faces rated for wet label applications. Nora step lights offer solutions for pathway and stair safety lighting in patio, deck, hospital, hotel, school, airport, and residential applications.



LED STEP LIGHTING







NSW-671/30(finish) Horizontal Louver NSW-672/30(finish) Lensed NSW-673/30(finish) Horizontal Shroud NSW-674/30(finish) Vertical Louver NSW-675/30(finish) Vertical Shroud

Mia Die-Cast MINI LED Step Light

BN-Brushed Nickel, **BZ**-Bronze, **W**-White Faceplate: L: 4-3/4" W: 3"

LED Source: 3000K, 12 LEDS, 3W total

- · Integrated LED Driver: 120VAC
- · Install in standard single gang switch box
- · Die-cast aluminum face plates
- · cULus Listed for Wet location
- · IP65 Rated when used with water-tight junction box and gasket





Mini LED Step Light with Photocell Option

Energy saving photocell units turn on in the dark and off in the morning or at the presence of light.

NSW-661(finish) Louver

NSW-661PC(finish) Louver with Photocell

NSW-662(finish) Lensed

 $\begin{tabular}{ll} NSW-662PC(finish) & Lensed with Photocell \\ \end{tabular}$

 $BN\mbox{-}Brushed$ Nickel, $P\mbox{-}Primer,$ $W\mbox{-}White$

Housing: 3-5/8" W: 1-1/2" D: 1-1/8"

Faceplate: L: 4-1/2" W: 2-3/4"

LED Source:

Standard unit: 3000K, 12 LEDS, 1.4W total Photocell unit: 3000K, 9 LEDS, 1.1W total

- · Integral LED Driver: 120VAC, 50/60Hz
- · Install in standard single gang switch box
- · cULus Listed for Wet location

LED STEP LIGHTING



Each face plate requires NSW-800 housing, ordered separately.

LED Brick Light, Concrete Rated
NSW-851/32(finish) Louver
NSW-852/32(finish) Lensed
NSW-853/32(finish) Shroud
NSW-800 Wet Label Housing (Required)
NRA-6301 24-1/2" Adj. Bar Hanger Kit
BN-Brushed Nickel, BZ-Bronze, W-White
Housing: L: 8-1/2" W: 3-1/8" D: 3"

Housing: L: 8-1/2" W: 3-1/8" D: 3"

Faceplate: L: 8-5/8" W: 3-5/16" D: 3/8"

LED Source: 24 LEDs, 4W total

- · Integrated, embedded LED Driver: 120V
- · 2925 Kelvin temperature
- · Die-cast aluminum face plates
- · cULus Listed for Wet location / IP65





LED Step Light

NSI-601 Louver w/ Lens

NSI-602 Frosted Lens

Housing: L: 10-1/4" W: 3-1/2" D: 3-1/2"

Faceplate: L: 9-1/2" W: 4-7/8"

LED Source: 18 LEDS for a total of 2 Watts

- · Integral LED Driver: 120VAC, 50/60Hz
- \cdot cULus Listed for damp location
- \cdot cULus Listed for wet location (602 only)
- · Shielded light source for excellent glare contro

COMPACT FLUORESCENT

Compact Fluor Step Light w/ Junction Box, IC Rated

NSP-1091/JB Louver w/ Lens

NSP-1092/JB Lens

Housing: L: 10-1/4" W: 3-1/2" D: 3-1/2"

Housing with J-Box: L: 12-1/8" W: 6-1/2" D: 3-1/2" Faceplate: L: 9-1/2" W: 4-7/8"

Lamp: 9W PL G23 Base Ballast: 120V NPF Ballast

- · cULus Listed for damp location
- · cULus Listed for damp location w/ feed through (/JB Only)
- · cULus Listed for wet location (Lensed only)



INCANDESCENT

Mini Incandescent Step Light

NSI-161(finish) Louver (Horizontal or Vertical face plate)

NSI-162 (finish) Lensed

BN-Brushed Nickel, P-Primer, W-White Housing: L: 3-5/8" W: 1-1/2" D: 1-1/8"

Faceplate: L: 4-1/2" W: 2-3/4"

· Lamp: 7W C-7 Incandescent included

- · Electrical: 120VAC input
- · Install in standard single gang switch box
- · cULus Listed for damp location



Line Voltage Step Light

NSI-140 Louver

NSI-1401 Louver w/ Lens

NSI-1402 Lens

Lamp: 7W C7 (not included)

Line Voltage Step Light w/ Junction Box, IC Rated

NSI-125/JB Louver

NSI-1251/JB Louver w/ Lens

NSI-1252/JB Lens

Housing: L: 10-1/4" W: 3-1/2" D: 3-1/2"

Housing with J-Box: L: 12-1/8" W: 6-1/2" D: 3-1/2"

Faceplate: L: 9-1/2" W: 4-7/8"

Lamp: 25W A19

- \cdot cULus Listed for damp location
- · cULus Listed for damp location w/ feed through (/JB Only)
- · cULus Listed for wet location (Lensed only)









MULTIPLE LIGHTING SYSTEM

LED DEDICATED TRIMLESS RECESSED

LED MLS RECESSED

LED COMPATIBLE TRIMLESS
MLS RECESSED

LED COMPATIBLE LINE VOLTAGE MLS RECESSED

LED COMPATIBLE LAMPS

METAL HALIDE MLS RECESSED

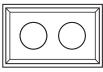
LOW VOLTAGE MLS RECESSED

LOW VOLTAGE MLS SURFACE

MULTIPLE LIGHTING SYSTEM



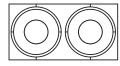
1 ROW / 1 LAMP LINEAR



1 ROW / 2 LAMPS LINEAR



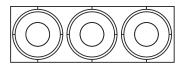
1 ROW / 1 LAMP LINEAR TRIMLESS



1 ROW / 2 LAMPS LINEAR TRIMLESS



1 ROW / 3 LAMPS LINEAR



1 ROW / 3 LAMPS LINEAR TRIMLESS

FEATURES

- Flexible One opening with up to three independently adjustable and controlled fixtures
- Control One opening can provide both flood general lighting and spot accent lighting
- Complete Selection Recessed multiples available in a single row with one to three lights; Flange-less open, Flanged regressed closed, and surface. Surface mount multiples available in a single row with one to 3 lights, and a square four light configuration
- Lower Construction Cost One opening with three lights versus three openings, means lower installation costs
- Architecturally Appealing Nora MLS fixtures have a 2-1/4" regressed, flat closed face or flange-less open for clean ceiling line. Multiple lights in a single opening creates a cleaner, less cluttered ceiling appearance.
- Lower Maintenance Cost Multiple lights in a single opening means fewer trips up the ladder, saving time and labor
- Low Temperature Housings are vented on the top for cool operation, extending lamp life
- Lamp Sources Available in energy saving LED, high color rendition HID Ceramic Metal Halide, Low Voltage, and PAR Halogen Incandescent/LED
- Finishes Available in white face and white fixtures with white flange, black face and fixtures with white flange, and silver face and silver fixtures with silver flange and white or black in flangeless.
- Easy Maintenance Driver, Ballast or transformer is easily accessible from below, and does not require top access
- Custom Capabilities Mix sources and trims in the same MLS fixture

MLS MULTIPLE LIGHTING SYSTEM TRIMLESS LED DEDICATED RECESSED MOUNT

1900 LUMEN MODULES · SINGLE OPENING · 1-3 ADJUSTABLE

Nspec expands its line of MLS fixtures to now include a trimless version. Each lighting module can be independently adjusted on 2 axis and is available in dedicated LED or PAR 30 medium base. The new Trimless MLS installs in a hard ceiling in remodel and/or new construction applications, and is available in 1 to 3 light linear configurations. The included mud-in ring frames the housing with clean sharp edges leaving a smooth flange-less appearance that blends in with the ceiling line.



FEATURES

- · 1900 Lumens at 28W per module
- · 90+ CRI
- 2700K, 3000K, 3500K & 4000K CCT options
- LED modules (NMRT-652TLXXXXX) are specified separately. Mixed spots with floods if desired.
- Dimmable 120V Triac or 0-10V/277V 0-10
- · Lamps independently adjustable
- Fixtures adjustable to 40 degrees with 350 degree rotation
- Three configurations: one-light square, two and three-light linear
- · Lower installation and maintenance costs
- · 5-year limited warranty

LED TRIMLESS MULTIPLE HOUSING Requires Trimless Module, sold separately

SERIES	MODULES	DRIVER	VOLTAGE	MODULES LUMEN	FINISH
NMRTLG-1	1 One 2 Two 3 Three	D Standard	1 120V 2 277V	L19 1900Lm	B Black W White

Example: NMRTLG-13D1L19W - LED Linear; 3 Modules; 120V; 1900 Lumens each; White finish

LED TRIMLESS MODULE Requires Trimless Housing, sold seperately

,								
SERIES LED MODULE		BEAM SPREAD	COLOR TEMP	FINISH				
NMRT-	652TL Trimless	Blank 40° S 15°	27 2700K 30 3000K 35 3500K 40 4000K	BK Black WH White				

Example: NMRT-652TL35WH - 1900 Lumen Module; 40° Beamspread; 3500K; White Finish (Specify a quantity of 3 to complete above 3 modules housing)

Accessorieies on page 163



MLS MULTIPLE LIGHTING SYSTEM **LED DEDICATED** RECESSED MOUNT

UP TO 3000 LUMEN PER MODULE - SINGLE OPENING - 1-3 ADJUSTABLE

Available in 1 to 3 light linear configurations, the MLS LED fixture offers 850, 1250, 2000, and 3000 lumen output in 27K, 30K, 35K, 40K and Comfort Dim temperatures per opening. The MLS face plate is regressed to maintain a clean ceiling appearance. Trim finishes are white/white, white/black, and silver/silver. Additionally there is a flat face plate with gimbal rings in white, The units are completely serviceable from below and can be specified in either 120V or 277V. They can be wired as a single complete unit or as 2-3 individually controlled or dimmed modules.

FEATURES

- · 850, 1250, 2000 and 3000 Lumens
- · 90+ CRI, Cree TrueWhite™ Technology
- · 2700K, 3000K, 3500K, 4000K, and Comfort Dim - 2700K to 1800K
- Dimmable
- · Lamps independently adjustable
- · Fixtures adjustable to 40 degrees with 350 degree rotation
- · Three configurations: one-light square, two and three-light linear
- · Lower installation and maintenance costs
- · Regressed or Flat closed face
- 5-year limited warranty

















I FD MIII TIPLE HOUSING Requires Trim, sold senarately

LED MOETH LE HOOGHA Negarios Him, sola separately								
SERIES	MODULES	DRIVER	VOLTAGE	MODULES LUMEN				
NMRG-1	1 One 2 Two 3 Three	D Driver C Comfort Dim (27K-18K)	1 120V 2 277V	L85 850 L12 1250 L20 2000 L30 3000				

Example: NMRG-12D1L85 - LED Linear; 2 Modules; Driver; 120V; 850 Lumen each for a total 1700 Lumen

Note: 2000 or 3000 lumen Comfort Dim modules require 4000 Lumen drivers.

LED MULTIPLE TRIM Requires Housing, sold separately

SERIES	FACE PLACE	MODULES	MOD. LUMEN	COLOR TEMP	FINISH
NMRT-	1 Regress 1F Flat*	1 One 2 Two 3 Three	L85 850 L12 1250 L20 2000 L30 3000	27 2700K 30 3000K 35 3500K 40 4000K CD Comfort Dim (27-18K)	BW Black/ White SS Silver WW White

Example: NMRT-12L8527WW - LED Linear; Regress 2 Modules; 1700 Lumen; 2700K; White Face with White Flange



^{*} Flat face trim available in white finish only.

MLS MULTIPLE LIGHTING SYSTEM TRIMLESS LED COMPATIBLE LINE VOLTAGE

RECESSED MOUNT · SINGLE OPENING · 1-3 ADJUSTABLE

Multi-lamp functionality and architectural aesthetics define Nora Lighting's recessed LED Trimless Multiple Lighting System. The recessed family of fixtures are available in one to three LED linear configurations. The Incandescent trimless units can be installed in new or remodel construction in drywall ceilings. The finished look blends with the ceiling line with no visible flange.



FEATURES

- 850, 1250, 2000 and 3000 Lumens
- 90+ CRI. Cree TrueWhite[™] Technology
- 2700K, 3000K, 3500K, 4000K, and Comfort Dim - 2700K to 1800K
- Dimmable
- Lamps independently adjustable
- Fixtures adjustable to 40 degrees with 350 degree rotation
- Three configurations: one-light square, two and three-light linear
- · Lower installation and maintenance costs
- · Regressed or Flat closed face
- · 5-year limited warranty

LINE VOLTAGE MULTIPLE HOUSING	Requires	Trim, sold	separately
-------------------------------	----------	------------	------------

SERIES	MODULES	DRIVER	VOLTAGE	LAMP	WATTAGE	FINISH
NMRTLI-1 (Incandescent)	1 One 2 Two 3 Three	N None	1 120V 2 277V	O PAR30	75 75W 50 50W 25 25W 20 20W 15 15W 10 10W	B Black W White

Example: NMRTLI-12N1075B - LED Linear; 2 Modules; 120V; 75W PAR30; Black finish

LINE VOLTAGE MULTIPLE TRIM Requires Housing, sold separately

SERIES	STYLE	FINISH	
NMRT- (Incandescent)	652TL Trimless	BLK Black WH White	

Example: NMRT-625TLBLK - Single PAR30 Lamp holder, Black finish. (Specify a quantity of 2 to complete above 2 light housing)

Trimless Accessories

New Construction Frame-Ins for Trimless MLS NMRTL-F1 - 1 Light frame for Trimless MLS NMRTL-F2 - 2 Light frame for Trimless MLS NMRTL-F3 - 3 Light frame for Trimless MLS

Flange kit for Trimless MLS (Converts Trimless Look to Flanged look - recommended for T-Bar installations)

NMRTL-1FK(B or W) 1Light Flange Kit for Trimless MLS, Black or White finish NMRTL-2FK(B or W) 2Light Flange Kit for Trimless MLS, Black or White finish NMRTL-3FK(B or W) 3Light Flange Kit for Trimless MLS, Black or White finish

MLS MULTIPLE LIGHTING SYSTEM LED COMPATIBLE I INF VOI TAGE

RECESSED MOUNT · SINGLE OPENING · 1-3 ADJUSTABLE

Nora Lighting's family of Line Voltage MLS fixtures can be used in residential, commercial and retail applications. Nora's MLS fixtures allow a single ceiling opening to have 1 to 3 independently adjustable trims. The housings can be installed in drywall, plaster, and suspended ceilings.

















LINE VOLINGE WOLLING LE TITTING TICQUITES TIOUSING, SOID SEPARATELY	LINE VOLTAGE MULTIPLE 1	TRIM	Requires Housing, sold separately
---	-------------------------	------	-----------------------------------

SERIES	FACE PLACE	MODULES	TRIMS	FACE FINISH	LED LAMP
NMRT-	1 Regress 1F Flat*	1 One 2 Two 3 Three	628 PAR30 Eyeball 652 PAR30 Gimbal	BW Black/ White SS Silver WW White	(Blank) No Lamp EXX AXX
			653 PAR38 Gimbal		See Chart

Example: NMRT-1F2626WWE33 - Linear; Regress 2 Lamps; PAR30 Eyebal; White Face with White Flange; (2) E33 LEDs

LINE VOLTAGE MULTIPLE HOUSING Requires Trim, sold separately

SERIES	MODULES	BALLAST	VOLTAGE	LAMP TYPE	WATTAGE
NMRI-1 1 One 2 Two		N None	1 120V	0 PAR30	75 * 75W
	3 Three			8 PAR38	150 * 150W

Example: NMRI-12N1075 - Line Voltage Linear; 2 Lamps; 120V Input; 75W PAR30

^{*} Custom wattage labeling available by factory. NMRI-12N1015 - Line voltage, 1 Row, 2 Lamp, PAR30, 120V, 15 watt max per socket



^{*} Flat face trim only available in 652 PAR style in white finish.

MLS MULTIPLE LIGHTING SYSTEM LED COMPATIBLE LAMPS LINE VOLTAGE

SUFFIX	LAMP TYPE	KELVIN	WATT	LUMENS	BEAM ANGLE	СВСР	DIM	LAMP COLOR	NORA LAMP NUMBER		
	LED PAR 30 SHORT NECK										
E30	PAR30	2700	12	740	20	5000	Yes	S	12P30LEDE20D27S		
E31	PAR30	3000	12	750	20	5100	Yes	S	12P30LEDE20D30S		
E32	PAR30	2700	12	740	35	2000	Yes	S	12P30LEDE35D27S		
E33	PAR30	3000	12	750	35	2050	Yes	S	12P30LEDE35D30S		
LED PAR 30 LONG NECK											
A36	PAR30	2700	13	680	40	1250	Yes	W	13P30LEDA40D27		
A37	PAR30	3000	13	700	40	1280	Yes	W	13P30LEDA40D30		
	LED PAR 38										
E81	PAR38	3000	20	1100	12	15000	Yes	S	20P38LEDE15D30S		
E82	PAR38	2700	20	1000	25	4900	Yes	S	20P38LEDE25D27S		
E83	PAR38	3000	20	1100	25	5100	Yes	S	20P38LEDE25D30S		
E84	PAR38	2700	20	1000	40	1800	Yes	S	20P38LEDE40D27S		
						_					
E85	PAR38	3000	20	1100	40	2100	Yes	S	20P38LEDE40D30S		
E85	PAR38	3000 2700	20	1100	40 25	2100 4850	Yes	S	20P38LEDE40D30S 20P38LEDA25D27		
A82	PAR38	2700	20	1150	25	4850	Yes	W	20P38LEDA25D27		

Lamp color abbreviations: S - Silver, W - White

MLS MULTIPLE LIGHTING SYSTEM METAL HALIDE RECESSED MOUNT

SINGLE OPENING · 1-3 ADJUSTABLE

Nora Lighting's Ceramic Metal Halide Multiples use 20W, 39W or 70W PAR CMH lamps for maximum performance, color rendition, texture definition and long lamp life, making these fixtures an ideal choice for display lighting. Fixtures are 9-5/8" W x 6-3/4" H.





Order MLS Housings and Trims Separately

FEATURES

- · Lamp: 20W / 39W / 70W PAR30 CMH
- · 120V-277V Universal Integral Electronic Ballast
- · Recessed mount
- · Black, Silver, or White finish
- · Trims: PAR30 Eyeball (Metal Halide)
- · cULus Listed

METAL HALIDE MULTIPLE TRIM Requires Housing, sold seperately							
SERIES	FACE PLACE	LAMPS	TRIMS	FACE FINISH			
NMRT-	1 Regress 1F Flat*	1 One 2 Two 3 Three	628 PAR30 Eyeball 652 PAR30 Gimbal	BW Black/White SS Silver WW White			

Example: NMRT-1F2626WW - Linear; Flat 2 Lamps; PAR30 Eyebal; White Face with White Flange

METAL HALIDE MULTIPLE HOUSING Requires Trim, sold seperately

SERIES	MODULES	BALLAST	VOLTAGE	LAMP TYPE	WATTAGE
NMRH-1	1 One 2 Two 3 Three	E Electronic	3 Universal 120V-277V	0 PAR30	20 20W 39 39W 70 70W

Example: NMRH-12E3070 - Line Voltage Linear; 2 Lamps; 120V Input; 70W PAR30



628 PAR30 Eyeball 45° 20W-70W PAR30 CMH Lamp max.



652 PAR30 Gimbal 45° 20W-70W PAR30 CMH Lamp max.

^{*} Flat face trim only available in 652 PAR 30 Gimbal in white finish



MLS MULTIPLE LIGHTING SYSTEM LOW VOLTAGE RECESSED MOUNT

SINGLE OPENING · 1-3 ADJUSTABLE

Multi-lamp functionality and architectural aesthetics define Nora Lighting's recessed low voltage Multiple Lighting System. The Low Voltage recessed family of fixtures is available in one to three lamp linear configurations. All fixtures are 9-5/8" W x 6-3/4" H.

FEATURES

- Lamp: 50W MR16 / 75W AR111
- 120V or 277V Integral electronic or magnetic transformer
- · Recessed Mount
- · White, Black, Silver
- · cULus Listed



Order MLS Housings and Trims Separately



LOW VOLTAGE MULTIPLE TRIM Requires Housing, sold seperately

SERIES	FACE PLACE	LAMPS	TRIMS	FACE FINISH	LED LAMP
NMRT-	1 Regress	1 One 2 Two 3 Three	418 MR16 445 MR16 463 MR16 465 MR16 470 MR16 674 AR111	BW Black/ White SS Silver WW White	(Blank) No Lamp

Example: NMRT-13418WW - Low Voltage Linear; Flat 3 Lamps; 418 Trim; White Face with White Flange

LOW VOLTAGE MULTIPLE HOUSING Requires Trim, sold seperately

SERIES	MODULES	BALLAST	VOLTAGE	LAMP TYPE	WATTAGE
NMRL-1	1 One 2 Two 3 Three	E Electronic M Magnetic V Versa Electronic	1 120V 2 277V	1 AR111* 6 MR16	50 50W 25 25W 20 20W 15 15W 10 10W

Example: NMRH-13E1650 - Low Voltage Linear; 3 Lamps; Electronic Transformer 120V Input; 50W MR16

^{*} AR111 only accepts electronic transformer



418 Eyeball 32° 50W MR16 Lamp max.



465 Surface Gimbal 35° 50W MR16 Lamp max.



445 Slot Aperture 35° 50W MR16 Lamp max.



470 Front Load Elbow 90° 50W MR16 Lamp max.



463 Baffled Gimbal 35° 50W MR16 Lamp max.



674 Gimbal 45° 75W AR111 Lamp max.







MLS MULTIPLE LIGHTING SYSTEM LOW VOLTAGE SURFACE MOUNT

SINGLE OPENING · 1-3 ADJUSTABLE

Nora Lighting's surface mounted Multiple Lighting System (MLS) is a family of fixtures providing flexibility and versatility. Designed with two to six lamps per fixture, the architectural design offers independent aiming of each lamp for maximum flexibility accent. Fixtures are 9-1/2" W x 17-1/8" H.



FEATURES

- · 12V AR111 75W lamp (not included)
- · Silver finish
- · Surface or wall mount
- · cULus Listed
- · Universal Gimbal-Ring Aiming
- 120/12V Integral Electronic Transformer
- · Clutch angle locking
- · Clear clip-on lens (included)



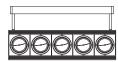
NMS12175E1S1674 13-3/4" L x 9-1/2" W



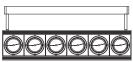
NMS13175E1S1674 20-1/2" L x 9-1/2" W



NMS14175F1S1674 27-1/4" L x 9-1/2" W



NMS15175E1S1674 34" L x 9-1/2" W



NMS16175E1S1674 40-7/8" L x 9-1/2" W



NMS22175E1S1674 13-3/4" L X 16-1/4" W

LOW	LOW VOLTAGE MULTIPLE SURFACE MOUNT								
SERIES	ROWS	LAMPS	SOURCE	WATT	TRANSF.	VOLT	FINISH	MOUNT	TRIM
NMS	1 Row 2 Square*	2 Two 3 Three 4 Four 5 Five 6 Six	1 AR111	75 75W	E Elect.	1 120V	S Silver	1 Ceiling / Wall	674
NMS	1	3	1	75	E	1	S	1	674

Order Example: NMS13175E1S1674 - 1 Row; 3 lamps; 75W AR111; Electronic Transformer; 120V Input; Silver Finish; Ceiling/Wall mount; 674 Trim

^{*} Square can only be ordered with 4 lamps





GLASS & PENDANTS

GLASS SHADES

PENDANT CORD ASSEMBLIES

NORA RAIL PENDANTS

TRACK PENDANTS

MONOPOINT PENDANTS

QUICKJACK PENDANT ASSEMBLIES

COMPLETE PENDANTS

LAMP COMPATIBILITY CHART

Nora's Glass fixtures offer choice and reciprocity by allowing the interchange of shades, hardware or sources. Nora's glass shades interact with six different lamp sources - LED; Line Voltage G9, Candelabra, and Medium base; Low Voltage Bi-Pin; and Fluorescent GU24. They can be used on seven Nora Lighting systems - Nora Rail, Track, Mini Track, QuickJack, Canopy Mount Pendants, and Multi QuickJack Canopies. Finding the perfect glass fixture has never been easier: 1.) Select your desired mounting system; 2.) Choose a lamping source; 3.) Select a glass shade. With hundreds of shades to choose from, the possibilities abound.



Mix and match to get the complete fixture that's right for you!

LIGHTING SYSTEMS

Nora Rail, Track, Mini Track, QuickJack, Mono Point, Multi QuickJack Canopies

LAMP SOURCES

LED - with dimmable driver GU24 - self-ballasting CFL G9 - line voltage halogen, Candelabra base - line voltage Medium base - line voltage Bi-Pin - low voltage

3. GLASS SHADES

Numerous textures and styles to choose from

Most popular canopy pendant assemblies listed below - Order glass and pendant assembly for complete fixture.

PETALS GLASS

NRS80-421

D: 5-3/4" (146 mm) L: 10" (254 mm)

Lamp: G9, Cand, Bi-Pin, Med, GU24, LED

Mount: Rail, Track, MiniTrack, QuickJack, Canopy, Multi-QuickJack, Flex, Torch, Chic, Sphere



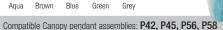
AΩ













NRS80-422

D: 6" (152 mm) L: 10-1/2" (267 mm) Lamp: G9. Cand. Bi-Pin. LED

Mount: Rail, Track, MiniTrack, QuickJack, Canopy, Multi-QuickJack, Elbow, Flex, Torch, Chic, Sphere





GRR Granite White/

Compatible Canopy pendant assemblies: P42, P45



GHOST GLASS

NRS80-423

D: 4-1/4" (108 mm) L: 7" (178 mm) Lamp: G9, Cand, Bi-Pin, Med, GU24, LED Mount: Rail. Track. MiniTrack. QuickJack. Canopy. Multi-QuickJack, Flex, Torch, Chic, Sphere

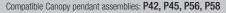














ORDER SAMPLE: NRS80-422WB/NRS99P45BZ





WIND GLASS

NRS80-424

D: 4-3/4" (121 mm) L: 7-1/2" (191 mm) Lamp: G9, Cand, Bi-Pin, Med, GU24, LED Mount: Rail, Track, MiniTrack, QuickJack, Canopy, Multi-QuickJack, Flex, Torch, Chic, Sphere



Agua



Brown



Red





White Taupe

Green Compatible Canopy pendant assemblies: P42, P45, P56, P58



MAYA GLASS

NRS80-425

D: 5" (1247 mm) L: 10" (254 mm) Lamp: G9, Cand, Bi-Pin, LED

Mount: Rail, Track, MiniTrack, QuickJack, Canopy, Multi-QuickJack, Elbow, Flex, Torch, Chic, Sphere

Red



AΜ

Amber



Agua



Taupe





White Compatible Canopy pendant assemblies: P42, P45



KAREN GLASS

NRS80-426

D: 4-1/4" (108 mm) L: 7" (178 mm) Lamp: G9, Cand, Bi-Pin, Med, GU24, LED Mount: Rail, Track, MiniTrack, QuickJack, Canopy, Multi-QuickJack, Flex, Torch, Chic, Sphere



W

White



White/ White/

Agua



WBR

Brown



WGR

White/



WP

White

Plum



Green Compatible Canopy pendant assemblies: P42, P45

Most Popular Canopy Assemblies (see complete selection on page 187)

CODE	MODEL NUMBER	FINISHES	DESCRIPTION
P42	NRS92-P42/35	BN, BZ	LED Dedicated
P56	NRS90-P56	BN. BZ, S	Medium Base 8.5' Cord
P58	NRS99-P58	BN, BZ, S	GU24 Base 8.5' Cord
P45	NRS99-P45	BN, BZ, S	G9 Line Voltage 8.5' Cord

ORDER SAMPLE: NRS80-422WB/NRS99P45BZ



KAINAN GLASS

NRS80-427

D: 6" (152 mm) L: 10-1/2" (267 mm) Lamp: G9. Cand. Bi-Pin. Med. GU24. LED Mount: Rail, Track, MiniTrack, QuickJack, Canopy, Multi-QuickJack, Flex, Torch, Chic, Sphere



Agua









Compatible Canopy pendant assemblies: P42, P45, P56, P58

LEILANI GLASS

NRS80-428

D: 7" (178 mm) L: 8-1/2" (216 mm) Lamp: G9, Cand, Bi-Pin, Med, GU24, LED Mount: Rail, Track, MiniTrack, QuickJack, Canopy, Multi-QuickJack, Flex, Torch, Chic, Sphere



Aqua









Compatible Canopy pendant assemblies: P42, P45, P56, P58

BRADY GLASS

NRS80-429

D: 5-1/2" (140 mm) L: 9-1/2" (241 mm)

Lamp: G9, Cand, Bi-Pin, LED

Mount: Rail, Track, MiniTrack, QuickJack, Canopy, Multi-QuickJack, Flex, Torch, Chic, Sphere





Red





White



Taupe Compatible Canopy pendant assemblies: P42, P45

Most Popular Canopy Assemblies (see complete selection on page 187)

CODE	MODEL NUMBER	FINISHES	DESCRIPTION
P42	NRS92-P42/35	BN. BZ	LED Dedicated
		,	
P56	NRS90-P56	BN. BZ, S	Medium Base 8.5' Cord
P58	NRS99-P58	BN, BZ, S	GU24 Base 8.5' Cord
P45	NRS99-P45	BN, BZ, S	G9 Line Voltage 8.5' Cord
		, , -	

ORDER SAMPLE: NRS80-422WB/NRS99P45BZ





BELLA GLASS

NRS80-430

D: 4-1/4" (108 mm) L: 7-1/2" (191 mm) Lamp: G9, Cand, Bi-Pin, Med, GU24, LED Mount: Rail, Track, MiniTrack, QuickJack, Canopy, Multi-QuickJack, Flex, Torch, Chic, Sphere







Brown

Red Green

White Granite

Compatible Canopy pendant assemblies: P42, P45, P56, P58



TYSEN GLASS

NRS80-431

D: 5-1/2" (140 mm) L: 4-7/8" (124 mm) Lamp: G9, Cand, Bi-Pin, LED

Mount: Rail, Track, MiniTrack, QuickJack, Canopy, Multi-QuickJack, Flex, Torch, Chic, Sphere





ΑМ R Amber Red

W Т Taupe White

Compatible Canopy pendant assemblies: P42, P45



PAXON GLASS

NRS80-432

D: 4-3/4" (121 mm) L: 7-1/2" (191 mm) Lamp: G9, Cand, Bi-Pin, Med, Gu-24, LED Mount: Rail, Track, MiniTrack, QuickJack, Canopy, Multi-QuickJack, Flex, Torch, Chic, Sphere





R



White

Amber Red

Compatible Canopy pendant assemblies: P42, P45, P56, P58

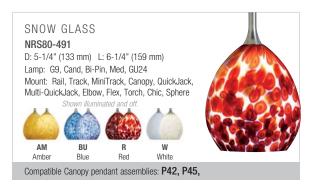
Most Popular Canopy Assemblies (see complete selection on page 187)

CODE	MODEL NUMBER	FINISHES	DESCRIPTION
P42	NRS92-P42/35	BN, BZ	LED Dedicated
P56	NRS90-P56	BN. BZ, S	Medium Base 8.5' Cord
P58	NRS99-P58	BN, BZ, S	GU24 Base 8.5' Cord
P45	NRS99-P45	BN, BZ, S	G9 Line Voltage 8.5' Cord

ORDER SAMPLE: NRS80-422WB/NRS99-P45BZ









Most Popular Canopy Assemblies (see complete selection on page187)

		,	1 0 7
CODE	MODEL NUMBER	FINISHES	DESCRIPTION
P42	NRS92-P42/35	BN, BZ	LED Dedicated
P56	NRS90-P56	BN. BZ, S	Medium Base 8.5' Cord
P58	NRS99-P58	BN, BZ, S	GU24 Base 8.5' Cord
P45	NRS99-P45	BN, BZ, S	G9 Line Voltage 8.5' Cord

ORDER SAMPLE: NRS80-490W/NRS99-P45BN





WATER FALL GLASS

NRS80-493 / NRS80-893*

D: 5-1/4" (133 mm) L: 6-1/4" (159 mm) Lamp: G9, Cand, Bi-Pin, Med, GU24 Mount: Rail, Track, MiniTrack, Canopy, QuickJack, Multi-QuickJack, Elbow, Flex, Torch, Chic, Sphere





Shown illuminated and off.

Blue

White

Compatible Canopy pendant assemblies: P42, P45,



FERUS GLASS

NRS80-471

D: 4-1/4" (108 mm) L: 5-5/8" (143 mm)

Color: Black on White

Mount: Rail, Track, MiniTrack, Canopy, Mount: Rail, Track, Canopy, QuickJack, Multi-QuickJack, Elbow,

Flex, Torch, Chic, Sphere

BOLLA GLASS

NRS80-477

D: 10-1/4" (260 mm) L: 7-7/8" (200 mm) Color: White on White

Lamp: G9, Cand, Bi-Pin, Med, GU24 Lamp: G9, Cand, Bi-Pin, Med, GU24 QuickJack, Multi-QuickJack

Compatible Canopy pendant assemblies: P42, P45, P56, P58

Most Popular Canopy Assemblies (see complete selection on page 187)

CODE	MODEL NUMBER	FINISHES	DESCRIPTION
P42	NRS92-P42/35	BN, BZ	LED Dedicated
P56	NRS90-P56	BN. BZ, S	Medium Base 8.5' Cord
P58	NRS99-P58	BN, BZ, S	GU24 Base 8.5' Cord
P45	NRS99-P45	BN, BZ, S	G9 Line Voltage 8.5' Cord

ORDER SAMPLE: NRS80-471/NRS99-P45BZ



BONITA CUBE GLASS

NRS80-467

D: 3-1/8" (79 mm) L: 3-15/16" (100 mm) Lamp: G9, Bi-Pin

Mount: Rail, Track, MiniTrack, Canopy, QuickJack, Multi-QuickJack, Flex, Torch, Chic, Sphere



Amber



Rlue



Red





Compatible Canopy pendant assemblies: P45

ICE CUBE GLASS

NRS80-401

1111300-401

D: 2-7/8" (73 mm) L: 2-7/8" (73 mm)

Lamp: G9, Bi-Pin

AM

Amber

Mount: Rail, Track, MiniTrack, Canopy, QuickJack, Multi-QuickJack, Elbow, Flex, Torch, Chic, Sphere

Amethyst





AQ

Agua





Blue





Compatible Canopy pendant assemblies: P42, P45, P56, P58

MEGA ICE CUBE GLASS

NRS80-411

D: 3-1/2" (89 mm) L: 3-1/2" (89 mm)

Lamp: G9, Bi-Pin

Mount: Rail, Track, MiniTrack, Canopy, QuickJack, Multi-QuickJack, Flex, Torch, Chic, Sphere



Amher



Aqua



Amethyst



Rlue



Clear



Compatible Canopy pendant assemblies: P42, P45, P56, P58

Most Popular Canopy Assemblies (see complete selection on page 187)

CODE	MODEL NUMBER	FINISHES	DESCRIPTION
P42	NRS92-P42/35	BN, BZ	LED Dedicated
P56	NRS90-P56	BN. BZ, S	Medium Base 8.5' Cord
P58	NRS99-P58	BN, BZ, S	GU24 Base 8.5' Cord
P45	NRS99-P45	BN, BZ, S	G9 Line Voltage 8.5' Cord

ORDER SAMPLE: NRS80-468AM/NRS99-P45BZ









Most Popular Canopy Assemblies (see complete selection on page 187)

			1 ,
CODE	MODEL NUMBER	FINISHES	DESCRIPTION
P42	NRS92-P42/35	BN, BZ	LED Dedicated
P56	NRS90-P56	BN. BZ, S	Medium Base 8.5' Cord
P58	NRS99-P58	BN, BZ, S	GU24 Base 8.5' Cord
P45	NRS99-P45	BN, BZ, S	G9 Line Voltage 8.5' Cord

ORDER SAMPLE: NRS80-473/NRS99-P45BN

Not all lamp types work with all mounting systems. See Compatibility charts on pages 104-105



SOL GLASS

NRS80-453

D: 4-7/8" (124 mm) L: 3-3/4" (95 mm)

Lamp: G9, Bi-Pin

Mount: Rail, Track, MiniTrack, Canopy, QuickJack, Multi-QuickJack, Flex, Torch, Chic, Sphere





Rlue

Red Fire

Compatible Canopy pendant assemblies: P45



CASIE GLASS

NRS80-462

D: 5" (127 mm) L: 10-3/4" (273 mm) Lamp: G9, Cand, Bi-Pin, Med, GU24 Mount: Rail, Track, Canopy, QuickJack, Multi-QuickJack, Elbow, Flex, Torch, Chic, Sphere









Blue Purple White Orange Compatible Canopy pendant assemblies: P42, P45, P56, P58



ELVIN GLASS

NRS80-466

D: 3-1/8" (79 mm) L: 3-9/16" (91 mm)

Lamp: G9, Bi-Pin

Mount: Rail, Track, MiniTrack, Canopy, QuickJack, Multi-QuickJack, Elbow, Flex, Torch, Chic, Sphere



Amber



Blue





White



Red Compatible Canopy pendant assemblies: P42, P45, P56, P58

Most Popular Canopy Assemblies (see complete selection on page 187)

CODE	MODEL NUMBER	FINISHES	DESCRIPTION
P42	NRS92-P42/35	BN, BZ	LED Dedicated
P56	NRS90-P56	BN. BZ, S	Medium Base 8.5' Cord
P58	NRS99-P58	BN, BZ, S	GU24 Base 8.5' Cord
P45	NRS99-P45	BN, BZ, S	G9 Line Voltage 8.5' Cord

ORDER SAMPLE: NRS80-466BU/NRS99-P45BN





SATURN GLASS

NRS80-457

D: 5" (127 mm) L: 2-5/8" (67 mm) Color: BU, W

Lamp: G9, Bi-Pin

Mount: Rail, Track, MiniTrack, Canopy, QuickJack, Multi-Quick Jack, Flex, Torch, Chic, Sphere





BU W Blue White

Compatible Canopy pendant assemblies: P45



SEAN GLASS

NRS80-472

D: 6" (152 mm) L: 9-1/16" (230 mm) Lamp: G9, Cand, Bi-Pin, Med, GU24 Mount: Rail, Track, MiniTrack, Canopy, QuickJack, Multi-QuickJack, Flex, Torch, Chic, Sphere

Compatible Canopy pendant assemblies: P42, P45, P56, P58



ERIC GLASS

NRS80-474

D: 2-1/2" (63 mm) L: 9-7/8" (251 mm)

Color: BZ, W Pin Finish: BN. BZ. S Lamp: G9, Cand, Bi-Pin

Mount: Rail, Track, MiniTrack, Canopy, QuickJack,

Multi-QuickJack, Elbow, Flex, Sphere

BZ - Bronze w/Amber glass

Compatible Canopy pendant assemblies: P45

Most Popular Canopy Assemblies (see complete selection on page 187)

most repaid ouriep) recombine (our complete concentration on page rer)								
CODE	MODEL NUMBER	FINISHES	DESCRIPTION					
P42	NRS92-P42/35	BN, BZ	LED Dedicated					
P56	NRS90-P56	BN. BZ, S	Medium Base 8.5' Cord					
P58	NRS99-P58	BN, BZ, S	GU24 Base 8.5' Cord					
P45	NRS99-P45	BN, BZ, S	G9 Line Voltage 8.5' Cord					

ORDER SAMPLE: NRS80-474BZ/NRS99-P45BZ



TANNER GLASS

NRS80-465

D: 3-9/16" (90 mm) L: 3-5/16" (85 mm)

Color: Gold, Silver Lamp: G9, Bi-Pin

Mount: Rail, Track, MiniTrack, Canopy, QuickJack, Multi-QuickJack, Elbow, Flex,

Torch, Chic, Sphere

Compatible Canopy pendant assemblies: P45



DUO CUBE GLASS

NRS80-468

D: 4-9/16" (115 mm) L: 3-5/16" (85 mm)

Lamp: G9. Bi-Pin

Mount: Rail, Track, MiniTrack, Canopy, QuickJack, Multi-QuickJack, Flex, Torch, Chic, Sphere



Compatible Canopy pendant assemblies: P45



DUO DOME GLASS

NRS80-469

D: 7-1/2" (190 mm) L: 7" (180 mm)

Lamp: G9, Cand, Bi-Pin

Mount: Rail, Track, MiniTrack, Canopy, QuickJack, Multi-QuickJack, Flex, Torch, Chic, Sphere



Compatible Canopy pendant assemblies: P45



GRANT GLASS

NRS80-476

Amher

D: 5-1/8" (130 mm) L: 4-1/4" (108 mm)

Lamp: G9, Cand, Bi-Pin

Rlue

Mount: Rail, Track, MiniTrack, Canopy, QuickJack, Multi-QuickJack, Elbow, Flex, Torch, Chic, Sphere



Bronze Compatible Canopy pendant assemblies: P42, P45



Most Popular Canopy Assemblies (see complete selection on page 187)

Red

Green

Most ropalar danopy resonance (see complete selection on page ror)									
CODE	MODEL NUMBER	FINISHES	DESCRIPTION						
P42	NRS92-P42/35	BN, BZ	LED Dedicated						
P56	NRS90-P56	BN. BZ, S	Medium Base 8.5' Cord						
P58	NRS99-P58	BN, BZ, S	GU24 Base 8.5' Cord						
P45	NRS99-P45	BN, BZ, S	G9 Line Voltage 8.5' Cord						

ORDER SAMPLE: NRS80-468BU/NRS99-P45BN



PENDANT CORD ASSEMBLIES

Nora Lighting now offers pendants in six different lamp sources including LED, Medium Base, Line Voltage and energy saving 13-26W GU24 Compact Fluorescent. Pendants are available with Rail, Mini Rail, Track, Mini Track, and Canopy mounts in a variety of finishes. With hundreds of glass shades in an array of colors to choose from, Nora Lighting's pendants offer the utmost in style and versatility. Nora Glass options on pages 169-177. Glass compatibility chart on page 187.

FEATURES

- 6 lamp sources offered: LED
 GU24 CFL
 Candelabra Base
 Medium Base
 G9 Line Voltage
 50W Low Voltage Bi-Pin
- Pendants available with 5 different mounting options: Rail, Track, Mini Track, Canopy mount. QuickJack
- Field adjustable cord lengths
- Large assortment of Italian, German, India and Pacific Far East and USA glass, ordered separately



ORDER EXAMPLES:

FLUORESCENT RAIL MOUNT

NRS48-468BZ + NRS70-602CL

Rail Mount GU24 Base Pendant, Bronze +
Cylinder Beaded Glass, Clear

LOW VOLTAGE CANOPY MOUNT

NRS99-P45/12BN + NRS80-492BU

Canopy Mount Pendant, Brushed Nickel +

Rain Fall Glass, Blue

PENDANT OVERVIEW

STYLE	RAIL	TRACK	MINI TRACK	CANOPY				
LED	NRS72-453/35	NTE-164/35		NRS92-P42/35				
COMPACT FLUOR* 13W-26W GU24	NRS48-468	NTF-163		NRS98-P58				
LINE VOLTAGE 60W Candelabra 100W Medium 40W G9 Base	NRS19-465 NRS10-466 NRS19-450 NRS19-456	NTH-160 NTH-161 NTH-162		NRS99-P55 NRS90-P56 NRS99-P45				
LOW VOLTAGE 50W Bi-Pin Bi-Pin QuickJack **	NRS34-450 NRS34-456 NRS90-P32	NTL-309 NT-370	NLMP-734 NLMP-738 NLMT-760	NRS90-P45/12 NRS90-P46/12 NRS99-P47/12 NP66-103 NP66-203				
FINISH	BN, BZ, S	B, S, W	B, W	BN, BZ, S				
GLASS SHADE	Ordered separately. See pages 81-93 for glass options. Compatibility chart on page 187.							

^{*} Utilizes self-ballasted lamp.

^{**} Must be used with NRS66-457(8.5') or NRS66-458 (20') QuickJack Pendant assemblies.

NORA RAIL PENDANTS

Nora Rail Pendants are available with six different lamp sources, including a new energy efficient LED socket. Each pendant accepts a large selection of glass, sold separately. Nora Glass options on pages 169-177. Glass compatibility chart on page 187. Pendants may be field cut to shorter length.

NORA RAIL Line Voltage System Finishes: Brushed Nickel (BN), Bronze (BZ), Silver (S) Pendants may be field cut to shorter length

NRS72-453/35 8.5' Pendant 14W LED with Dimmable Driver 1000 Lumens, 3500K and 90+ CRI

COMPACT FLUORESCENT

NRS48-468 8.5' Pendant 13W-26W GU24 Base, Self Ballasting Lamp

LINE VOLTAGE

NRS19-465 8.5' Pendant 60W Candelabra Base

NRS10-466 8.5' Pendant 100W Medium Base

NRS19-450 8.5' Pendant NRS19-456 20' Pendant NRS19-551 Yoyo Pendant 40W G9 Base

· Includes 40W G9 lamp and frosted shield

LOW VOLTAGE

NRS34-450 8.5' Pendant NRS34-456 20' Pendant NRS34-551 Yoyo Pendant 50W Bi-Pin

· With integral transformer. Includes frosted shield

QUICKJACK

NRS90-P32 Adapter only Low Voltage QuickJack Pendant Adapter For use with NRS66-457 or NRS-458 QuickJack Pendant Assembly, ordered separately





NRS48-468 NRS19-465 NRS10-466









TRACK PENDANTS

Nora Track Pendants are available with six different lamp sources, including a new energy efficient LED socket. Each pendant accepts a large selection of glass, sold separately. Nora Glass options on pages 169-177. Glass compatibility chart on page 187. Pendants may be field cut to shorter length.



NTF-164/35

NTF-163



NTH-160 NTH-161 NTH-162







TRACK One or Two Circuit Finishes: Black (B), Silver (S), White (W) Pendants may be field cut to shorter length

LED

NTF-164/35 8.5' Pendant 10W Nichia® LED with Dimmable Driver 520 Lumens, 3500K and 80+ CRI

COMPACT FLUORESCENT

NTF-163 8.5' Track Pendant 13W-26W GU24 Base, Self Ballasting Lamp • H, J and L Style

LINE VOLTAGE

NTH-160 Candelabra Base / 8.5' Track Pendant NTH-161 Medium Base / 8.5' Track Pendant NTH-162 G9 Base / 8.5' Track Pendant

- · H, J and L Style
- · Includes 40W G9 lamp and frosted shield

LOW VOLTAGE

Integral 50W electronic transformer. Includes locking JC lamp frosted shield.

 $\mbox{NTL-309}~50\mbox{W}~\mbox{JC}~6.35~\mbox{/}~8.5^{\prime}~\mbox{Track}~\mbox{Pendant}$ \cdot Finishes: Black (B), Chrome (C), White (W)

NTL-310 35W JC 6.35 / Cona Track Pendant NTL-311 35W JC 6.35 / Cylindrica Track Pendant NTL-312 35W JC 6.35 / Sphera Track Pendant

- · Adjustable cable length drops from 1' to 4'
- · Finishes: Chrome (C), Silver (S)

QUICKJACK LOW VOLTAGE

NT-370 Track Adapter only Low Voltage QuickJack Pendant Adapter For use with NRS66-457 or NRS-458 QuickJack Pendant Assembly, ordered separately

MINI TRACK

Finishes: Black (B), White (W) Pendants may be field cut to shorter length

LOW VOLTAGE

NLMP-734 50W Bi-Pin / 4' Pendant NLMP-738 50W Bi-Pin / 8' Yoyo Pendant · Includes frosted shield

NLMT-760 Mini Track Adapter only Low Voltage QuickJack Adapter For use with NRS66-457 or NRS-458 QuickJack Pendant Assemblies, ordered separately



MONOPOINT PENDANTS

Nora Monopoint Pendants are available with six different lamp sources, including a new energy efficient LED socket. Each pendant accepts a large selection of glass, sold separately. Nora Glass options on pages 169-177. Glass compatibility chart on page 187. Pendants may be field cut to shorter length.

MONPOINT

Finishes: Black (B), Silver (S), White (W) Pendants may be field cut to shorter length

LED

NRS92-P42/35 8.5' Pendant 14W LED with Dimmable Driver 1000 Lumens, 3500K and 90+ CRI

COMPACT FLUORESCENT

NRS98-P58 8.5' Monopoint Pendant 13W-26W GU24 Base, Self Ballasting Lamp

LINE VOLTAGE

NRS99-P55 Candelabra Base / 8.5' Pendant NRS90-P56 Medium Base / 8.5' Pendant NRS99-P45 G9 Base / 8.5' Track Pendant NRS99-P46 G9 Base / 20' Track Pendant

· Includes 40W G9 lamp and frosted shield

NRS92-P42/35



NRS98-P58 NRS99-P55 NRS90-P56

LOW VOLTAGE

Integral 50W electronic transformer. Includes locking JC lamp frosted shield.

NRS99-P45/12 50W JC 6.35 / 8.5' Pendant NRS99-P46/12 50W JC 6.35 / 20' Pendant NCL-309 50W JC 6.35 / Pila 8.5' Pendant

NCL-310 35W JC 6.35 / Cona Pendant NCL-311 35W JC 6.35 / Cylindrica Pendant NCL-312 35W JC 6.35 / Sphera Pendant

· Adjustable cable length drops from 1' to 4' · Finishes: Chrome (C), Silver (S)



NRS99-P45 NRS99-P45/12 NCL-309 NRS99-P46 NRS99-P46/12

QUICKJACK LOW VOLTAGE

NRS90-P12 Sloped Monopoint Canopy NRS99-P47/12 Monopoint Canopy

· Integral electronic transformer

NRS99-P51 Shallow Monopoint Canopy · Requires remote transformer

Low Voltage QuickJack Pendant Canopies For use with NRS66-457 or NRS-458 QuickJack Pendant Assembly, ordered separately



NRS99-P12 NRS99-P47/12 NRS99-P51



NP66-103 NP66-203

MULTI QUICKJACK LOW VOLTAGE

NP66-103 Multi QuickJack Linear Canopy NP66-203 Multi QuickJack Round Canopy

Low Voltage Multi QuickJack Canopies

- · Includes three integral electronic transformers
- · Finishes: Brushed Nickel (BN), Bronze (BZ) For use with NRS66 Series QuickJack pendants or fixtures, ordered separately



QUICKJACK PENDANT SYSTEM

A culmination of design and technology, Nora Lighting's QuickJack System is simple and versatile. Nora's QuickJack pendant attaches to QuickJack mounts for Nora Rail, Mini Rail, Track, Mini Track, Monopoint Canopies and Multi QuickJack. Just insert the metal fitting into the receptacle and hand-tighten the threaded collar. NO WIRES - NO HASSLE.

FEATURES

- Pendant includes male Nora QuickJack and socket assembly
- Easily hand-tightens into Nora QuickJack adapter for Rail, Track, Mini Track, Monopoint and Multi-Point Canopies
- Uses Low Voltage 50W JC 6.35/MR16 lamp (not included)
- Accepts attractive glass shade ordered separately
- · Two cable lengths
- · Can be field shortened
- Universal Nora QuickJack is interchangeable with most non-Nora QuickJack systems

TO ORDER, CHOOSE THREE PARTS: QUICKJACK PENDANT MOUNT NORA RAIL NRS90-P32 Finishes: BN, BZ, S TRACK NT-370 Finishes: B, S, W MINI TRACK NLMT-760 Finishes: B, W MONOPOINT NRS99-P47/12 Finishes: BN, BZ, S MONOPOINT NRS99-P51 Shallow for Remote Transformer Finishes: BN, BZ, S MONOPOINT NRS90-P12 Sloped Ceiling Finishes: BN, BZ, S MULTI NP66-103, NP66-203 QuickJack Finishes: BN. BZ LOW VOLTAGE QUICKJACK PENDANT ASSEMBLY 8.5' PENDANT NRS66-457 Finishes: BN. BZ. S 20' PENDANT NRS66-458 Finishes: BN, BZ, S GLASS SHADE

GLASS Ordered separately. Glass pages 81-93. Compatibility pg 104

ORDER EXAMPLE for Rail:

NRS90-P32S + NRS66-457S + NRS80-431AM

Nora Rail QuickJack Pendant Mount, Silver finish \pm 8.5' QuickJack Pendant Assembly, Silver finish \pm Tysen Glass, Amber





- 1. NRS90-P32 Rail QuickJack Adapter
- 2. NRS66-457 QuickJack 2. NRS66-457 QuickJack 2. NRS66-457 Pendant Assembly
- 3. NRS80-426WAQ Rain Fall Glass Shade



TRACK

- 1. NT-370 Track QuickJack Adapter
- Pendant Assembly
- 3. NRS80-432R Trumpet Glass Shade



- 1. NLMT-760 Mini Track QuickJack Adapter
- QuickJack Pendant Assembly
- 3. NRS80-411AQ Mega Ice Cube Glass



MONOPOINT SLOPED CEILING

- 1. NRS90-P12 Sloped Ceiling Monopoint QuickJack Adapter with Transformer
- 2. NRS66-457 QuickJack Pendant Assembly
- 3. NRS80-427T Snow Glass Shade



MULTI

- 1. NP66-203 Round Multi QuickJack Adapter
- 2. (3) NRS66-457 QuickJack Pendant Assembly
- 3. (3) NRS80-424W Wind Glass Shade

QuickJack Adapters also accept NRS66 Series QuickJack Fixtures

COMPLETE PENDANTS

Saria LED Pendant

with colorful glowing glass edge

Saria LED mini-pendant offers two visual effects - 1W spot downlight or 3W even flood downlight. A colorful glowing edge creates visual impact. Saria features 3000K CCT downlight and is available with

Green, Red, or White LEDs.

MONOPOINT MOUNT

NCE-830L(color)1BN 1W LED NCE-830L(color)3BN 3W LED

TRACK MOUNT

NTE-830L(color)1BN(adapter finish) 1W LED NTE-830L(color)3BN(adapter finish) 3W LED

1W LED White 3000K

3W I FD

Green

- · LED Color: 1W: Green (GR), Red (R), White (W) 3W: Green (GR), Red (R)
- · Adapter Finish (Track only): Black (B), Silver (S), White (W)
- · Brushed Nickel hardware
- · Includes integral LED Driver
- · Dia: 4-3/4" Thickness: 3/16" Adjustable Cord: 8' 6" max







FEATURES

- Two distinct visual effects
 1W LED multiple modules
 create a soft spot downlight
 3W LED three 1W LED
 modules produce an even
 flood of concentrated light
 without glare
- · Canopy or Track Mount

- Architectural low profile 4-3/4" diameter, 3/16" thick.
- Glowing LED edge colors -Green, Red or White.
- · Brushed Nickel finish
- No projected forward heat or harmful UV rays
- · LED Driver in canopy or track

Nepro T5 HIGH OUTPUT FLUORESCENT SERIES

Complete pendants include both pendant assembly and glass cover. Available in Brushed Nickel, Bronze and Silver finishes.



COMPLETE PENDANTS

AMBRA AND PETRA SERIES rail mounted pendants include pendant assembly and porcelain shade. Available in line voltage, low voltage and low voltage quickjack, in brushed nickel, bronze and silver finishes.



Low Volt, QuickJack

· Dia: 3-3/4" L: 6-3/4" Max Ext: 9'





BIBA SERIES complete pendants include both pendant assembly and glass shade. The rail or canopy mounted, line voltage 40W G9 pendants are available in three class styles, in brushed nickel, bronze and silver finishes.





Biba Frosted Inner Shade





L: 9-1/4" Max Drop: 8' 6"



PENDANT / GLASS / LAMP COMPATIBILITY

STYLE			R/	AIL			TRACK							CAN	0P\		MINI TRACK	QUICK	MULTI QJ		
LAMP	69	Bi-Pin	Sand	Med	GU24	E	69	Bi-Pin	Cand	Med	GU24		69	Bi-Pin	Cand	Med	GU24		Bi-Pin	Bi-Pin	Bi-Pin
NRS80-401	•	•	_	_		_	•	•		_		Ī	•	•	_	_		Ī	•	•	
NRS80-411																					
NRS80-421			•	•	•	•				•	•	•	•		•	•					
NRS80-422	•					•						•						•	•		
NRS80-423	•				•	•				•	•	•			•	•	•	•	•		
NRS80-424					•	•				•	•	•	•			•			•	•	
NRS80-425						•	•	•					•						•	•	•
NRS80-426						•	•	•					•						•	•	•
NRS80-427	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
NRS80-428	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
NRS80-429	•	•	•			•	•	•	•			•	•	•	•			•	•	•	•
NRS80-430	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
NRS80-431	•	•	•			•	•	•	•			•	•	•	•			•	•	•	•
NRS80-432	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
NRS80-451	•	•	•	•	•		•	•	•	•	•		•	•	•	•	•		•	•	
NRS80-452	•	•	•	•	•		•	•	•	•	•		•	•	•	•	•			•	
NRS80-453	•	•					•	•					•	•					•	•	
NRS80-457	•	•					•	•					•	•					•	•	
NRS80-462	•	•	•	•	•		•	•	•	•	•		•	•	•	•	•			•	
NRS80-465	•	•					•	•					•	•					•	•	
NRS80-466	•	•					•	•					•	•					•	•	
NRS80-467	•	•					•	•					•	•					•	•	
NRS80-468	•						•						•								
NRS80-469	•						•						•								
NRS80-471	•	•	•	•	•2		•	•	•	•	•2		•	•	•	•	•2		•	•	
NRS80-472	•	•	•	•	•		•	•	•	•	•		•	•	•	•	•		•	•	
NRS80-473	•	•	•	•	•		•	•	•	•	•		•	•	•	•	•			•	
NRS80-474	•	•	•				•	•	•				•	•	•				•	•	
NRS80-476	•	•	•				•	•	•				•	•	•				•	٠	
NRS80-477	•	•	•	•	•		•	•	•	•	•		•	•	•	•	•			•	
NRS80-490	•	•	•				•	•	•				•	•	•				•	•	
NRS80-491	•	•	•	•	•2		•	•	•	•	•2		•	•	•	•	•2		•	•	
NRS80-492		•			•		•	•	•	•	•		•	•		•				•	
NRS80-493				•	•2		•		•	•	•2		•			•	•2		•	•	

- Order Example: NRS10-466S + NRS80-423WG
 1 13W Self-Ballasting GU24 CFL Max

 Rail Mount Pendant, Medium Based Incandescent, Silver Finish + Ghost Glass, White with Gold Leaf Finish
 2 18W Self-Ballasting GU24 CFL Max

G9 - 40W G9
Line Voltage
Bi-Pin - 50W
Bi-Pin 65.3/6.35
Low Voltage
Candelabra
Line Voltage
Line Voltage
Line Voltage
Med-100W E26
Medium Base
Line Voltage







NORA RAIL

NORA RAIL SYSTEM

LED FIXTURES

SPECIFIABLE LED RAIL FIXTURES

VERSA LED COMPATIBLE RAIL FIXTURES

LINE VOLTAGE FIXTURES

LOW VOLTAGE QUICKJACK SYSTEM

LOW VOLTAGE FIXTURES

HID METAL HALIDE

HIGH OUTPUT FLUORESCENT

SPECIALTY FIXTURES

NORA RAIL KITS

RAIL MOUNT COMPLETE PENDANTS

RAIL MOUNT PENDANT ASSEMBLIES

NORA RAIL SYSTEM COMPONENTS

NORA RAIL

The award winning Nora Rail is the premiere Line Voltage Rail System in the marketplace, featuring all the lamping dynamics of a track system with no costly transformer required. Our large assortment of finely detailed, diecast fixtures are complimented by an array of beautiful glass pendants. The capabilities are endless.

- · Line voltage
- · No transformer for system
- · No voltage drop
- · Design longer runs
- · Accommodates 2400 watts
- Utilize line voltage, low voltage, high-output fluorescent, metal halide and LED fixtures all on the same line voltage system if desire
- · cULus listed for 20 amps
- Optional Current limiting power canopy
- · Field bendable to a 2-ft. dia. circle
- · Field cut-able
- · Easier to design
- · Simpler and faster to install
- · No expensive dimming controls
- same line voltage system if desired Available in silver, bronze, and brushed nickel



LED NORA RAIL FIXTURES

Award winning Nora Rail is the premiere Line Voltage Rail System in the marketplace, featuring all the lamping dynamics of conventional track with the curve appeal of low voltage rail. And as Nora Rail is a line voltage system, it does not limit the user to single source of light or other limitations found in similar looking low voltage systems.



Robo Cylinder LED Rail Fixture

NRE-820 Series 9W Max

Lamp: 3 x 3W LED (included)

Color Temp: 4200K Cool White (42) **Beam Spread:** 30° Beam (F)

Finish: Brushed Nickel (BN),

Bronze (BZ)

Dimensions: W: 5-5/8" L: 3-1/2" D: 2-3/8" ME.: 8-1/2"

Adjustability: 345° Rotation, Both

driver and diode castings independently pivot 180°

Electrical: 120V non-dimmable

Listing: cULus Listed

How to specify Robo Cylinder LED RAIL Fixture

NRE-820	L	42	F	9	BN	
SERIES	LIGHT SOURCE	COLOR TEMP.	BEAM SPREAD	WATTS	FINISH	STYLE
NRE-820	L	42	F	9	BN BZ	(blank) /J /L

Order Example: NRE-820L42F9BN - 9W Robo Cylinder LED Rail Fixture, 4200 Kelvin Temperature, 30° Beam Spread, Brushed Nickel Finish (H-Style)

SPECIFIABLE LED RAIL FIXTURES

LED GU10 & PAR FIXTURES · INCLUDES LED LAMP



NRS11-103(finish)(lamp) Sienna with Ring

Lamp: A12*, E10
Finish: BN Brushed Nickel,
BZ Bronze. S Silver



NRS11-104(finish)(lamp) Neat

Lamn

Lamp: A12*, E10
Finish: BN Brushed Nickel,
BZ Bronze, S Silver

* Dimmable Lamp chart on page 195



SPECIFIABLE LED RAIL FIXTURES CONT.

LED GU10 & PAR FIXTURES · INCLUDES LED LAMP



NRS11-302(finish)(lamp) Ives Gooseneck

A12*, E10 Lamp: BN Brushed Nickel. Finish: BZ Bronze, S Silver



NRS18-122(finish)(lamp) PAR20 Ulysses

Lamp: A22*, A23*, E20*, E21* Finish: BZ Bronze, S Silver



NRS18-128(finish)(lamp) PAR38 Ulysses

Lamp: A82*, A83*, A84*, A85*, E81*, E82*, E83*, E84*, E85*

Finish: BN Brushed Nickel.

BZ Bronze



NRS11-310(finish)(lamp) Fili Display

A12*, E10 Lamp: BN Brushed Nickel. Finish: BZ Bronze, S Silver



NRS18-123(finish)(lamp) PAR30 Ulysses

Lamp: A35*, A36*, A37*, E30*, E31*, E32*, E33*

Finish: BZ Bronze, S Silver



NRS12-109(finish)(lamp) PAR20 Gimbal Ring

Lamp:

A22*, A23*, A35*, A36*, A37*, A82*, A83*, A84*, A85*, E20*, E21*, E30*, E31*, E32*, E33*, E80*, E81*, E82*, E83*, E84*, E85*

Finish: BN Brushed Nickel, BZ Bronze, S Silver

* Dimmable Lamp chart on page 195

SPECIFIABLE LED RAIL FIXTURES CONT.

LED GU10 & PAR FIXTURES · INCLUDES LED LAMP



NRS18-133(finish)(lamp) PAR30 Belgium

Lamp: E30*, E31*, E32*, E33*
Finish: BN Brushed Nickel,
BZ Bronze, S Silver



NRS18-138(finish)(lamp) PAR38 Belgium

Lamp: A82*, A83*, A84*, A85*, E81*, E82*, E83*, E84*, E85*

Finish: BN Brushed Nickel, BZ Bronze, S Silver



NRS12-112(finish)(lamp) PAR20 Gimbal Ring

Lamp: A22*, A23*, E20*, E21*
Finish: BN Brushed Nickel,
BZ Bronze. S Silver



PAR30 Gimbal Ring

Lamp: A35*, A36*, A37*, E30*, E31*,

E32*, E33*

Finish: BN Brushed Nickel, BZ Bronze, S Silver



NRS12-108(finish)(lamp) PAR38 Gimbal Ring

Lamp: A82*, A83*, A84*, A85*, E81*, E82*, E83*, E84*, E85*

Finish: BN Brushed Nickel, BZ Bronze, S Silver



NRS11-320(finish)(lamp) Exhibit Display, Slim Canopy

Lamp: A12*, E10
Finish: BN Brushed Nickel,

BZ Bronze, **S** Silver

* Dimmable Lamp chart on page 195

VERSA LED COMPATIBLE RAIL FIXTURES

MR16 LED COMPATIBLE RAIL FIXTURES

Nora is proud to introduce some of their most popular MR16 Low Voltage Nora Rail heads with dimmable electronic drivers/transformers compatible with LED MR16 lamps or Halogen MR16 Lamps. The new fixtures have an integral driver/transformer that is rated for 0 to 60 watt loads. The zero low end allowance is critical to the long life performance of the LED MR16 lamps.



NRSE90-P32S ▼ERSA

NRS66-102S

Versa Argon Curve 3W - 50W
NRSE90-P32 Transformer

NRS66-101 QuickJack

Lamp: 3W-50W MR16 (not included)

Finish: Brushed Nickel (BN), Bronze (BZ), Silver (S)

Dimensions: Length: 4-1/2" Dia.: 2-3/8"

Max Ext.: 8"

345° Rotation

90° Pivoting Head

Versa Argon Swivel 3W - 50W

NRSE90-P32 Transformer

Mobility:

NRS66-102 QuickJack

Lamp: 3W-50W MR16 (not included)

Finish: Brushed Nickel (BN), Bronze (BZ), Silver (S)

Dimensions: Length: 4-1/2" Dia.: 2-3/8"

Max Ext.: 6-1/4"

Mobility: 345° Rotation

90° Pivoting Head



Versa Sienna w/Ring 3W - 50W

NRSE90-P32 Transformer NRS66-103 QuickJack

Lamp: 3W-50W MR16 (not included)

Finish: Brushed Nickel (BN).

Bronze (BZ), Silver (S)

Dimensions: Length: 4" Dia.: 2-5/16" Max Ext.: 5-3/4"

Mobility: 345° Rotation

90° Pivoting Head

oo maang maa



Versa Neon 3W - 50W

NRSE90-P32 Transformer

NRS66-107 QuickJack

Lamp: 3W-50W MR16 (not included)

Finish: Brushed Nickel (BN),

Dimensions: Length: 3-1/8" Dia.: 2-7/16"

Bronze (BZ), Silver (S)

Max Ext.: 5-3/4"

345° Rotation 90° Pivoting Head

QuickJack fixture consists of fixture head with male fitter and must be used with a QuickJack adapter (NRSE90-P32).

Mobility:

LED LAMP CHART TRACK and RAIL

Individual listings for lamps can be found at www.noralighting.com Energy Star, cULus, cETLus

SUFFIX	LAMP TYPE	KELVIN	WATT	LUMENS	BEAM ANGLE	СВСР	DIM	LAMP COLOR	NORA LAMP NUMBER			
				LED 1	20V GU	10/MR1	6					
A12	GU10	3000	4	240	23	1000	Yes	W	4G10LEDA23D30			
E10	GU10	3000	4.5	200	25	800	No	S	5G10LEDE25-30S			
				L	ED PA	R 20						
E20	PAR 20	2700	7	300	20	1900	Yes	S	7P20LEDE20D27S			
E21	PAR 20	3000	7	300	20	2070	Yes	S	7P20LEDE20D30S			
A22	PAR 20	2700	8	365	25	1250	Yes	W	8P20LEDA25D27			
A23	PAR 20	3000	8	380	25	1300	Yes	W	8P20LEDA25D30			
LED PAR 30 SHORT NECK												
E30	PAR30	2700	12	740	20	5000	Yes	S	12P30LEDE20D27S			
E31	PAR30	3000	12	750	20	5100	Yes	S	12P30LEDE20D30S			
E32	PAR30	2700	12	740	35	2000	Yes	S	12P30LEDE35D27S			
E33	PAR30	3000	12	750	35	2050	Yes	S	12P30LEDE35D30S			
				LED PA	R 30 L	ONG NE	CK					
A34	PAR30	2700	13	680	15	4900	Yes	W	13P30LEDA15D27			
A35	PAR30	3000	13	700	15	5100	Yes	W	13P30LEDA15D30			
A36	PAR30	2700	13	680	40	1250	Yes	W	13P30LEDA40D27			
A37	PAR30	3000	13	700	40	1280	Yes	W	13P30LEDA40D30			
				L	ED PA	R 38						
E81	PAR38	3000	20	1100	12	15000	Yes	S	20P38LEDE15D30S			
E82	PAR38	2700	20	1000	25	4900	Yes	S	20P38LEDE25D27S			
E83	PAR38	3000	20	1100	25	5100	Yes	S	20P38LEDE25D30S			
E84	PAR38	2700	20	1000	40	1800	Yes	S	20P38LEDE40D27S			
E85	PAR38	3000	20	1100	40	2100	Yes	S	20P38LEDE40D30S			
A82	PAR38	2700	20	1150	25	4850	Yes	W	20P38LEDA25D27			
A83	PAR38	3000	20	1200	25	5000	Yes	W	20P38LEDA25D30			
A84	PAR38	2700	20	1150	40	1970	Yes	W	20P38LEDA40D27			

Lamp color abbreviations: S - Silver, W - White



LINE VOLTAGE GU10 MR16

Nora Rail GU10 MR16 and R111 fixtures offer the latest in sculptured aluminum design. Nora Rail fixtures accept new European-inspired GU10 base lamps that operate on 120 line voltage. Lamp is included.





















FINISHES: **BN** Brushed Nickel, **BZ** Bronze, **S** Silver (specify) Lamp included with GU10 and G9 Fixtures | cULus Listed

LINE VOLTAGE GU10 MR16 and G9



















Finishes: BN Brushed Nickel, BZ Bronze, Silver (specify)

Lamp included with GU10 and G9 fixtures | cULus Listed

LINE VOLTAGE INCANDESCENT PAR

Elegant European design elements coupled with precise engineering are features of the Nora Rail PAR fixtures. The fixtures are available 50W PAR20, 75W PAR30, and 250W PAR38.





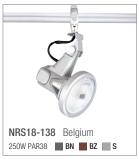












Finishes: BN Brushed Nickel, BZ Bronze, SSilver (specify)
Lamp sold separately with low voltage fixtures | cULus Listed



LOW VOLTAGE QUICKJACK SYSTEM

Nora is proud to introduce the Nora QuickJack, a culmination of design and technology. From independent canopy to the Nora Rail System the Nora QuickJack offers simplicity and versatility. Nora Rail's entire collection of low voltage fixtures and pendants now have the capacity to attach to the transformer or canopy, just by inserting the metal fitting into the receptacle and hand-tightening the threaded collar. NO WIRES—NO HASSLE. The individual elements provide you unlimited options in readily building or changing out your system. Nora Rail and QuickJacks are available in silver, bronze, or brushed nickel.



Rail Mounted Fixture Utilizing the Nora QuickJack System



You need two parts:

NRS90-P32

- Patent-pending housing with integral transformer
- Attaches to the Rail
- · Contains female Nora QuickJack adapter

NRS66-Series (NRS66-101S shown)

- All fixtures with male Nora QuickJack adapters
- · Easily hand-tightens into NRS90-P32

Rail Mounted Pendant Utilizing the Nora QuickJack System



You need three parts:

NRS90-P32

- Patent-pending housing with integral 50W electronic transformer
- · Attaches to the Rail
- · Contains female Nora QuickJack adapter

NRS66-457 Low Voltage, 8.5' length NRS66-458 Low Voltage, 20' length

- Both cable lengths include the male
 Nora QuickJack and socket assembly
- · Easily hand-tightens into NRS90-P32
- 50W JC 6.35/MR16 lamp (not included)
- · Accepts glass shade ordered separately
- · Field shortened

NRS80-Series (NRS80-401AQ shown)

Glass shade series. See page 169-179

Finishes: BN Brushed Nickel, BZ Bronze, S Silver (specify)
Lamp sold separately with low voltage fixtures | cULus Listed

LOW VOLTAGE QUICKJACK SYSTEM

Monopoint Canopy with Fixture Utilizing the Nora QuickJack System

You need two parts:

NRS99-P47/12

- · Canopy with 60W integral transformer
- · Contains female Nora QuickJack adapter
- Extension stems available to drop fixture to specific length. See page 155

NRS66-Series (NRS66-251SFR shown)

- All fixtures with male Nora QuickJack adapters
- · Easily hand-tightens into NRS99-P47/12



Monopoint Canopy with Pendant Utilizing the Nora QuickJack System

You need three parts:

NRS99-P47/12

- · Canopy with 60W integral transformer
- · Contains female Nora QuickJack adapter

NRS66-457 Low Voltage, 8.5' length NRS66-458 Low Voltage, 20' length

- Both cable lengths include the male Nora QuickJack and socket assembly
- · Easily hand-tightens into NRS99-P47/12
- · 50W JC 6.35/MR16 lamp (not included)
- · Accepts glass shade ordered separately
- · Field shortened

NRS80-Series (NRS80-424BU shown)

· Glass shade series. See page 169-179



Multi QuickJack Canopies System

You need three parts:

NP66-103 Linear Multi QuickJack NP66-203 Round Multi QuickJack Canopy QuickJack Adapters

- · (3) 60W Intergral transformer
- · Contains female Nora QuickJack adapter

NRS66-457 Low Voltage, 8.5' length NRS66-458 Low Voltage, 20' length

- Both cable lengths include the male Nora QuickJack and socket assembly
- · Easily hand-tightens into NRS99-P47/12
- 50W JC 6.35/MR16 lamp (not included)
- · Accepts glass shade ordered separately
- · Field shortened

NRS80-Series (NRS80-451TC shown)

· Glass shade series. See page 169-179



Finishes: ■ BN Brushed Nickel, ■ BZ Bronze, ■ S Silver (specify)

Lamp sold separately with low voltage fixtures | cULus Listed



LOW VOLTAGE MR16

COMPLETE FIXTURES AND QUICKJACK FIXTURES

The Low Voltage fixtures come in two different styles: NRS36 Series is a complete fixture that attaches to the Rail with an integral patented transformer. NRS66 Series utilizes the Nora QuickJack (pg. 206) for more versatility. A complete fixture consists of the fixture head, optional extension stem and the NRS90-P32 transformer housing.

















Finishes: BN Brushed Nickel, BZ Bronze, S Silver (specify)

Lamp sold separately with low voltage fixtures | cULus Listed

LOW VOLTAGE MR16 + AR111

COMPLETE FIXTURES AND QUICKJACK FIXTURES













Finishes: BN Brushed Nickel, BZ Bronze, S Silver (specify)

Lamp sold separately with low voltage fixtures | cULus Listed

LOW VOLTAGE MR16

COMPLETE FIXTURES QUICKJACK SOFT ACCENT FIXTURES

Nora Rail incorporates low voltage fixtures with elegant porcelain or glass shades. The shades provide a soft subtle look while offering a full range of beam spreads to create the special effects needed for your lighting design. QuickJack must be used with NRS90-P32 transformer housing.



















Finishes: BN Brushed Nickel, BZ Bronze, S Silver (specify)

Lamp sold separately with low voltage fixtures | cULus Listed

HID METAL HALIDE FIXTURES

Nora Lighting introduces one of the most exciting new Metal Halide fixtures in the lighting industry. The NRS61 series continue the dramatic Metal Halide advancements offering sleek, low-profile housing while accommodating 20W GX10 MR16 HID lamp.

















Finishes: BN Brushed Nickel, BZ Bronze, S Silver (specify) Lamp sold separately with HID metal halide fixtures | cULus Listed

HID METAL HALIDE FIXTURES

HID fixtures with the smallest ballast in the industry and HID lamps the size of an MR16. Now you can accomplish the delicate sculptures of a rail system with the phenomenal light output of HID.



Q-Tech Series

NRS54-220/20 20W NRS54-220/39 39W NRS54-220/70 70W T4/T4.5 G8.5 CMH lamp

NRS56-220/39 39W NRS56-220/70 70W T6 G12 CMH lamp

Reflector options: 24°, 44°, 60°













Finishes: BN Brushed Nickel, BZ Bronze, Silver (specify) Lamp sold separately with HID metal halide fixtures | cULus Listed

HID METAL HALIDE FIXTURES



NRS58-152/20 20W NRS58-152/39 39W Ulysses PAR20 HID

Ulysses PAR30 HID



NRS58-153/39 39W NRS58-153/70 70W







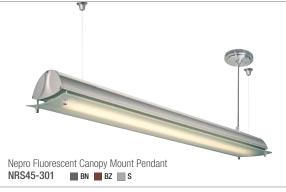


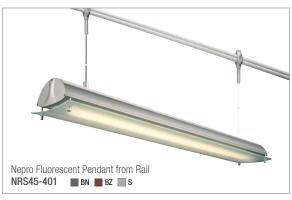
Finishes: BN Brushed Nickel, BZ Bronze, S Silver (specify) Lamp sold separately with HID metal halide fixtures | cULus Listed

HIGH OUTPUT FLUORESCENT FIXTURES

The Nepro fluorescent fixtures are now available as an adjustable Wall Wash/Direct Light fixture and complimented by a drop pendant that can provide direct lighting over a desk or table. The Nepro utilizes 2 x 24 Watt T5 H0 fluorescent lamps and electronic ballasts, which capture the design excellence of the award-winning Nora Rail system. Higher lumen output, energy-efficient capabilities and longer lamp life make these incredibly designed fixtures a must for your lighting needs.







Finishes: BN Brushed Nickel, BZ Bronze, S Silver (specify) | cULus Listed

SPECIALTY FIXTURES

For wall wash or wide-area direct and indirect lighting, the Nepro General Light provides a strong, brilliant lighting effect from a maximum 300W R7S halogen lamp. Smooth, streamlined surfaces offer the ultimate in contemporary design.











NORA RAIL KITS

Nora's line voltage Rail Kits include everything you need for a complete system: rail, fixtures, standoffs, power components, and even lamps!

FEATURES

- Fixture can be easily placed anywhere along rail
- Power canopy can be located anywhere along rail
- Available in Bronze, Brushed Nickel, or Silver
- Easily expandable with Nora Rail components
- · 2400 watt capacity

- Will accept additional fixtures and/or pendants
- Rail is field bendable and cuttable
- Simple installation by a single person
- · No special tools required
- An elegant lighting statement at an affordable price



6' 6" Straight Rail Starter Kit













NORA RAIL KITS

Kits can easily accommodate additional rail, fixtures, and pendants. Fixtures, standoffs, and power supply can be placed anywhere on the rail.

















RAIL MOUNT COMPLETE PENDANTS

Nora's series of complete pendants, which include pendant assembly and glass shade, can be attached to the Rail or Canopy mounted. Low voltage complete pendants are available in two styles: standard and Nora QuickJack. QuickJack pendants require a QuickJack mount, see page 202-203 for options.



Line Voltage Swift Rail Pendant

NRS19-460 40W Max

Lamp: 40W G9 (included)

Dimensions: H: 4" Dia.: 2-3/8" Max Ext.: 9' Finish: Brushed Nickel (BN), Bronze (BZ), Silver (S) Glass: Amber (AM), Frost (FR), Orange (O)





Line Voltage Biba Pendant with Frosted Outer Shade

NRS19-464FR Rail Mount 40W Max NRS99-464FR Canopy Mount 40W Max

Lamp: 40W Max G9 (included)

Dimensions: L: 9-1/4" Dia.: 5-1/8" Max Drop: 8'6" Finish: Brushed Nickel (BN), Bronze (BZ), Silver (S)

Glass: Frost outer shade (FR))

Listing: cULus Listed



Line Voltage Biba Pendant with Semi Frosted Outer Shade

NRS19-464SF Rail Mount 40W Max NRS99-464SF Canopy Mount 40W Max

Lamp: 40W Max G9 (included)

Dimensions: L: 9-1/4" Dia.: 5-1/8" Max Drop: 8'6" Finish: Brushed Nickel (BN), Bronze (BZ), Silver (S)

Glass: Semi-Frost outer shade (SF)

Listing: cULus Listed



Shown with NRS80-405BU

Line Voltage Biba Pendant with Frosted Inner Shade

NRS19-464CL Rail Mount 40W Max NRS99-464CL Canopy Mount 40W Max

Lamp: 40W Max G9 (included)

Dimensions: L: 9-1/4" Dia.: 5-1/8" Max Drop: 8'6" Finish: Brushed Nickel (BN), Bronze (BZ), Silver (S) Glass: Clear Outer Shade/ White Frost Inner Shade (CL)

Listing: cULus Listed



 $^{^{\}star}$ Male Quick,Jack pendant assembly with glass. Unit must be used with Female Rail Quick,Jack adapter, NRS90-P32, ordered separately. See page 202-203.

RAIL MOUNT COMPLETE PENDANTS cont.

Ambra Pendant with Porcelain White Shade

NRS19-462(finish)PW Line Voltage NRS34-462(finish)PW Low Voltage

NRS66-462(finish)PW* Low Voltage QuickJack

Lamp: NRS19-462 - 40W G9 (included)

NRS34-462 - 50W JC 6.35/MR16 (not included) NRS66-462 - 50W JC 6.35/MR16 (not included)

Finish: Brushed Nickel (BN), Bronze (BZ), Silver (S) Dimension: L: 6-3/4" Dia.: 3-3/4" Max Ext.: 9'



Petra Pendant with Porcelain White Shade

NRS19-463(finish)PW Line Voltage NRS34-463(finish)PW Low Voltage

NRS66-463(finish)PW* Low Voltage QuickJack

Lamp: NRS19-463 - 40W G9 (included)

NRS34-463 - 50W JC 6.35/MR16 (not included) NRS66-463 - 50W JC 6.35/MR16 (not included)

Finish: Brushed Nickel (BN), Bronze (BZ), Silver (S) Dimension: L: 6-3/4" Dia.: 2-15/16" Max Ext.: 9'



Ambra Yoyo Pendant with Porcelain White Shade

NRS19-562(finish)PW Line Voltage NRS34-562(finish)PW Low Voltage

NRS66-562(finish)PW* Low Voltage QuickJack

Lamp: NRS19-562 - 40W G9 (included)

NRS34-562 - 50W JC 6.35/MR16 (not included) NRS66-562 - 50W JC 6.35/MR16 (not included)

Finish: Brushed Nickel (BN), Bronze (BZ), Silver (S) Dimension: L: 6-3/4" Dia.: 3-3/4" Max Ext.: 9'6"



Petra Yoyo Pendant with Porcelain White Shade

NRS19-563PW Line Voltage NRS34-563PW Low Voltage

NRS66-563PW* Low Voltage QuickJack

Lamp: NRS19-563 - 40W G9 (included)

NRS34-563 - 50W JC 6.35/MR16 (not included) NRS66-563 - 50W JC 6.35/MR16 (not included)

Finish: Brushed Nickel (BN), Bronze (BZ), Silver (S) Dimension: L: 6-3/4" Dia.: 2-15/16" Max Ext.: 9'6"



G9 Rail Fixture for PIN Glass

NRS19-501 40W Max

Lamp: 40W G9 (included)

Finish: Brushed Nickel (BN), Bronze (BZ), Silver (S) Dimension: Dia.: 1-1/8" Max Ext.: 4-3/8"

For use with NRS80-204, NRS80-474, NRS80-482, NRS80-484, NRS80-486, NRS80-487 (Glass sold

separately. See page 169-179)



* Male QuickJack pendant assembly with glass. Unit must be used with Female Rail QuickJack adapter, NRS90-P32, ordered separately. See page 202-203.



RAIL MOUNT PENDANT ASSEMBLIES

Nora's series of rail-mounted complete pendants include pendant assembly and glass shade. Low voltage complete pendants are available in two styles: standard and Nora QuickJack. QuickJack pendants require a QuickJack mount, see page 202-203 for options.



Compact Fluorescent GU24 Socket Line Voltage Nora Rail Pendant Assembly

NRS48-468 13W-26W Max

Lamp: 13W-26W max GU24 Self Ballasting CFL (not included)

Cord Length: 8.5' field adjustable

- Accepts attractive glass shades, ordered separately.
 See page 173-183.
- · 7/8" opening glass must be gravity hung



Candelabra Socket Line Voltage Nora Rail Pendant Assembly

NRS19-465 60W Max

Lamp: 40W max Candelabra Base (not included) Cord Length: 8.5' field adjustable

- Accepts attractive glass shades, ordered separately.
 See page 173-183.
- Accepts custom glass or other decorative element with 7/8" top opening



Medium Base Socket Line Voltage Rail Pendant Assembly

NRS10-466 100W Max

Lamp: 100W max Medium Base (not included) Cord Length: 8.5' field adjustable

- Accepts attractive glass shades, ordered separately.
 See page 173-183.
- · 7/8" opening glass must be gravity hung



G9 Halogen Socket Line Voltage Rail Pendant Assembly

NRS19-450 8.5' 40W Max

NRS99-456 20' 40W Max

Lamp: 40W Max Line Voltage G9 (included) Cord Length: 8.5' and 20' field adjustable

- Accepts attractive glass shades, ordered separately.
 See page 173-183.
- · Accepts custom glass or other decorative element with 7/8" top opening
- · Frosted lamp shield included



RAIL MOUNT PENDANT ASSEMBLIES

Glass ordered separately. See pages 169-179 for glass options. Compatibility chart on page 193. For matching canopy mount version, see page 207.

Low Voltage Nora Pendant Bi-Pin Socket

NRS34-450 8.5' 20W-50W Max

NRS34-456 20' 20W-50W Max

Lamp: 20W-50W max JC, MR11/MR16 (not included) Cord Length: 8.5' & 20' field adjustable

- · Integral electronic transformer
- Accepts attractive glass shades, ordered separately.
 See page 173-183.
- · 7/8" opening glass must be gravity hung
- · Lamp shield included

Low Voltage Nora Rail QuickJack Pendant Assembly Bi-Pin Socket

NRS90-P32 QuickJack Nora Rail Adapter 20W-50W Max (integral trans.)

NRS66-457 QuickJack 8.5' cord & socket

NRS66-458 QuickJack 20' cord & socket

- Accepts attractive glass shades, ordered separately.
 See page 173-183.
- · Lamp shield included

Line Voltage Nora Rail Yoyo Pendant Assembly G9 Halogen Socket

NRS19-551 9.5' 40W Max

Lamp: 40W max Line Voltage G9 (included) Cord Length: 9.5' field adjustable

- Accepts attractive glass shades, ordered separately> See page 173-183.
- Accepts custom glass or other decorative element with 7/8" top opening
- Pulley and counter weight provide unique, glass positioning by hand
- · Frosted lamp shield included

Low Voltage Nora Rail Yoyo Pendant Assembly Bi-Pin Socket

NRS34-551 9.5' 20W-50W Max

Lamp: 20W-50W Max JC, MR11/MR16 (not included) Cord Length: 8.5' & 20' field adjustable

- · Integral electronic transformer
- · Accepts attractive glass shades, ordered separately. See page 173-183.
- Accepts custom glass or other decorative element with 7/8" top opening
- · Pulley and counter weight provide unique, glass positioning by hand
- · Lamp shield included











NORA RAII SYSTEM COMPONENTS

Nora Lighting offers attractive, low profile slim rails for use with any combination of LED, Line Voltage, Low Voltage, Fluorescent, PAR, Metal Halide Fixtures or Pendants. The small blade design makes Nora Rail suitable for residential applications. Internal 20A conductors deliver long runs necessary for commercial and architectural application, allowing 2400 watts on a single, low profile power feed. May be bent to 12-1/2" minimum radius.



Slim, Low Profile Rails

NRS90-P04 4' (1.2M)

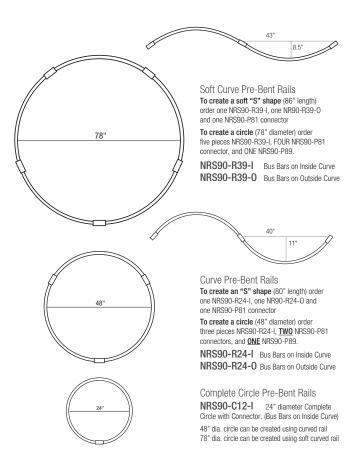
NRS90-P06 6'-6" (2M) NRS90-P08 8' (2.4M)

Finish: Brushed Nickel (BN), Bronze (BZ), Silver (S) Length: 4', 6'-6", 8' field cuttable

· Two end caps include

LINE VOLTAGE PRE-BENT RAILS

Nora Rail can be purchased in straight lengths that are easily cut with a hacksaw and/ or field bent to as small as 2ft. diameter circle. Factory pre-bent curves and circles are also available. cULus listed for up to 2400 watts on a single run. Nora Rail is smooth on one side and has bus bars and insulators on the other. On pre-bent rail "I" is used for bus bars on the inside of the curve and "O" for outside of the curve.



NORA RAIL SYSTEM COMPONENTS





Canopy for Power Stem Must use with Power Stem NRS90-P13

NRS90-P15 Heavy duty

Adjustable Power Stem

NRS90-P11 3"

NRS90-P14 4"

NRS90-P17 7-1/2"-11-1/2"

NRS90-P87 12"-24"

NRS90-P88 25-1/4"-48"

NRS90-P89 49-3/4"-96"



Adjustable Power Cord w/ Canopy

NRS90-P90 10'6"

NRS90-P91 10'6"

NRS90-P91 20' Adjustable Power Cord with Canopy and

Support Cable



Adjustable Power Cord with Rail Connector and Side Feed to Rail NRS90-P80 18" Cord length To connect rail to Line Voltage power



Grounded Cord/Plug w/ Rail Connector NRS90-P99 10' Cord length To power Track from a standard 3-prong grounded receptacle



Rail Wall Mount Power Canopy NRS90-P40

Rail feeds directly into canopy from wall mounted J-Box



Line Voltage Adjustable Slope Canopy NRS90-P10

For use with Power Stem NRS90-P17, NRS90-P87, NRS90-P88, NRS90-P89 only



Rail Current Limiter with Circuit Breaker

NRS90-P37/1 1Δ NRS90-P37/2.5 2.5A NRS90-P37/5 NRS90-P37/7.5 7.5A

NRS90-P37/10 10A NRS90-P37/12 12A

NRS90-P37/14 14A Must use with Power Stem

NORA RAIL SYSTEM COMPONENTS



Straight/Slope Ceiling Rail Standoff

NRS90-N73 3" NRS90-N74

NRS90-N77* 8-1/4" - 11-3/4"

NRS90-N70* 14-1/4" -24" NRS90-N71* 26-1/4" - 48" NRS90-N72* 50-1/4" - 96"

*Telescoping supports allow for easy in the field leveling of rail system



Adjustable Wall Rail Support (No Power) NRS90-N18 5-1/2" - 8-1/2"

NRS90-N26 8-1/2" - 11-1/2" NRS90-N27 13-1/4" - 24"



Straight Ceiling Rail Support

NRS90-N14 4"

NRS90-N17* 7-1/2" - 11-1/2"

*Telescoping supports allow for easy in the field leveling of rail system



Straight Connector

NRS90-P81 Power (live)

NRS90-N89 Non-Power

Connects two rails together and will conduct power or not



T-Bar Clip and Cover NRS90-N21 15/16"

NRS90-N22 9/16"

Attaches to all rail support



Flexible Live Corner Connector NRS90-P85 9-1/2"

Attractive, enclosed flexible electrical connection between two rails



Adj Aircraft Cable Ceiling Rail Support

NRS90-N91

NRS90-N91-M1 20'

Cable can be easily adjusted in the field



Flexible Rail Power Connector NRS90-P82

20"

Connects 2 sections rail where sharp angles prohibit the use of rail bending or for extending power connection through beams or drywall (cable cannot be shortened)

NORA RAIL SYSTEM COMPONENTS



Live X-Connectors

NRS90-N02 X-Connector

Use with standard non-power stems to connect and conducts power to multiple Rails in an "X" pattern

NRS90-P02 X-Connector Power Stem Conducts power from J-Box to Rail. Connects and conducts power to multiple Rails in an "X" pattern.



Live L-Connectors

NRS90-N03 L-Connector

Use with standard non-power stems to connect and conducts power to two Rails in an "L" pattern

NRS90-P03 L-Connector Power Stem Conducts power from J-Box to Rail. Connects and conducts power to multiple Rails in an "L" pattern.



Live T-Connectors

NRS90-N04 T-Connector

Use with standard non-power stems to connect and conducts power to multiple Rails in an "T" pattern

NRS90-P01 T-Connector Power Stem Conducts power from J-Box to Rail. Connects and conducts power to multiple Rails in a "T" pattern.



Three Prong Plug Adapter for Rail NRS90-P30

Allows a power outlet on the Rail



Universal Pendant Adaptor NRS90-P86

Allows any line voltage pendant with support wire diameter of 1/4" or less, weighing under 10lbs. and 300W max. to adapt to the Nora Rail system



Track Fixture Adapter for Rail NRS90-P31

Allows Line Voltage track fixtures to be mounted to the Rail

NORA RAIL QUICKJACK COMPONENTS



QuickJack Rail Adapter with Electronic Transformer NRS90-P32 NRSE90-P32 Use with NRS66 series



QuickJack Extension Stem
NRS90-P33 6" extension
NRS90-P34 12" extension
NRS90-P35 24" extension
Use with NRS66 series. Rod can be attached to one another.



QuickJack Canopy with Integral Transformer NRS90-P47/12 60W Transformer Use with NRS66 series



QuickJack Shallow Canopy
NRS90-P47/12 60W - No Transformer
Requires remote transformer. Use with
NRS66 series.



QuickJack Slope Canopy with Integral Transformer





QuickJack Track
NT-370 50W Track Adapter
Allows Rail NRS66 series to be put on the
standard Trac



Mini Track Adapter
NLMT-760
Allows Rail NRS66 series to be put on the
Mini Track



Multi QuickJack Linear Canopy with Integral Transformer (3 QuickJacks) NP66-103 (3) 60W Transformer For use with NRS66 series. W: 26" L: 4-1/2" H: 1-3/4"



Multi QuickJack Round Canopy with Integral Transformer (3 QuickJacks) NP66-203 (3) 60W Transformer For use with NRS66 series. D: 11-7/8" H: 1-3/4"

NORA RAIL ACCESSORIES



End Cap
NRS90-N01
Two end caps included with each rail section



NRS90-N66 Use with NRS52-155, NRS52-156, NRS52-157

Dichroic Filter



NT-362 MR16 Honeycomb NRS90-N32 MR16 Deco Ring w/ Lamp Spring For use with NRS11-103, NRS11-104, NRS11-302, NRS11-310, NRS36-103, NRS36-104, NRS36-302, NRS36-310, NRS66-103, NRS66-104, NRS66-302, NRS66-310



Metal Clamp-on Ring for MR16 NRS90-N31 For use with exposed MR16 lamp fixtures



50MR16/Line/L10 50W MR16 GU10 **50MR16/Line/L10S** 50W Silver

CMH20MR16/FL 20W MR16 GX10



MR16 Colored Lenses NM-100/MR16 For use with NRS90-N32



40G9 40W Halogen, G9 **40G9F/0** 40W Halogen, G9 (Open Rated) Available in Clear or Frost



150R7S 150W Halogen Double Ended 300R7S 300W Halogen Double Ended



NRS90-N34 Line Voltage NRS90-N35 Low Voltage NRA-6040* (no thread) * For use with NRS19-202, NRS19-203, NRS19-474, NRS19-501



Suction Cup Lamp Changer NRS90-N20 For easy changing of GU10, MR16 lamp



Glass Shield NRA-136 For use with NRS33-901, NRS66-901



Rail Bending Device NRS90-N33 Allows custom bending of rail in field





TRACK

REVO REMOTE CONTROL TRACK

LED TRACK

VERSA LED COMPATIBLE LOW VOLTAGE TRACK

SPECIFIABLE LED TRACK

HID CERAMIC METAL HALIDE TRACK

COMPACT AND LINEAR FLUORESCENT TRACK

LOW VOLTAGE TRACK

LINE VOLTAGE

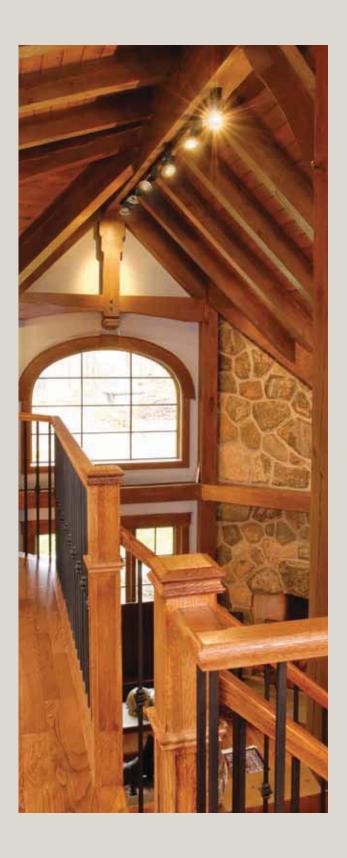
TRACK PACKS

TRACK MOUNT PENDANT ASSEMBLIES

TRACK MOUNT COMPLETE PENDANTS

TRACK CURRENT LIMITER

TRACK ACCESSORIES



REMOTE CONTROLLED TRACK

MOTORIZED TRACK FIXTURE



CONVENIENT.
SIMPLE.
AFFORDABLE.
REMOTE CONTROL

Introducing REVO, the only remote-controlled, motorized directional track fixture for commercial and residential use in the market. The Revo has a universal E26 socket to accept LED, Halogen, CFL, R, BR and PAR lamps up to 90 Watts. Adjustment is easy... simply point, engage, aim. Using the hand-held remote, point the laser at one or more REVOs, the green light indicates radio control has engaged. Once activated, the remote no longer needs to point at the fixture; just aim, pressing the arrows for up, down, left or right.



Track Fixture

NTH-REV150(Finish)(Lamp)(Style) 90W Max

Features: Motorized track fixture adjusted with

a hand-held remote

Construct: Die-cast aluminum v

Construct: Die-cast aluminum with integral motor Finish: Black (B), White (W)

Finish: Black (B), White (W)

Style: H-Style, J-Style, L-Style

Lamp: Blank = No Lamp

Compatible Nora LED Lamps: E20, E21, A22, A23, A34, A35, A36, A37, E81, E82, E83, E84, A83, A84,

A85, E88. (lamp specifications page 197)
Note: Fixture will not work with short neck

PAR30 lamp

Adjust: 200° Horiz and 340° Vert rotation

Electrical: 120V - Dimmable

Warranty: Five-year Limited Warranty



NTH-REVHHR
One remote control transmitter controls all models







T-Wash Wall Wash LED

NTE-890 Series* 33W / 66W

Features: 33W, 12" Yoke or

66W 24" Arm mount

Construct: Die-cast aluminum with integral driver

Wattage: 33W - 1968 lumens,

66W - 3869 lumens

Color Temp: 3000K Warm White (30),

4000K Cool White (40)

Finish: Black (B), Silver (S), White (W)

Style: H-Style, J-Style, L-Style

Dimensions: Width: 4-1/2" Length: 12" or 24"

Maximum Extension: 5"

Electrical: 120V - Integral solid-state

Warranty:

dimmable driver

Optional Louvers: NTEL-8903(finish) - Blade Louver for 33W T-Wash

Three-year limited warranty

NTEL-8906(finish) - Blade Louver for 66W T-Wash













T-WASH Wall Wash LED Track Fixture

NTE-890	33	30	W	/J			
NTE-890	33 66	30 3000K 42 4200K	B Black S Silver W White	(blank) H /J J-style /L L-style			
SERIES	WATTS	COLOR TEMP	FINISH	STYLE			
I-WASH Wash LLD Hack HALUIG							

Spec Example: NTE-8903330W/J - T-Wash LED Track Fixture, 33 Watts, 3000 Kelvin Temperature, White Finish, "J" compatible Adapter

Flex Beam LED Track Fixture

NTE-818 Series* 25W

Features: Bridgelux 25W LED (1500-1700 lm)
Construct: Die-cast aluminum, integral driver

Color Temp: 3000K (30), 4000K (40)

Beam Spread: Adjustable from 20° Spot to 60° Flood **Finish:** Black (B), Silver (S), White (W)

Dimensions: W: 5-5/8" L: 6" D: 3-3/4"

ME: 8-1/8"

Adjust: 350° Rotation. 90° Vertical adjustment

Electrical: 120V - Dimmable

Warranty: Three year Limited Warranty



Telescoping shroud easily adjusts beam spead from 20° spot to 60° flood!

FLEX BEAM Adjustable LED Track Fixture

NTE-818	L	30	Α	25	W	/J
NTE-818	L LED	30 3000K 40 4000K	A Adjust	25	B Black S Silver W White	(blank) H /J J-style /L L-style
SERIES	SOURCE	COLOR TEMP	BEAM	WATTS	FINISH	STYLE

Spec Example: NTE-818L30A25W - Flex Beam LED Track Fixture, 3000 Kelvin, Adjustable Beam Spread, 25 Watts, White Finish, H-style







NTE-842 Series 35W

35W, 2300 Lumens, 80+ CRI Features: Color Temp: 3000K Warm White (30),

4000K Cool White (40)

Beam Spread: 19° Spot & 38° Flood Reflectors

(included)

Finish: Black (B), Silver (S), White (W)

Style: H-Style, J-Style

Dimensions: Width: 6-3/4" Length: 7-3/4"

Dia: 3-5/8" Maximum Ext: 8-1/2"

Adjustability: 350° Horiz and 90° Vert rotation. 120V - Dimmable

Electrical: Warranty: Three year limited warranty

CUL US H, J & L style

AID	AIDEN Vertical LED Track Fixture							
SERI	ES	SOURCE	COLOR TEMP	BEAM	WATTS	FINISH	STYLE	
NTE	E-842	L LED	30 3000K 40 4000K	X 19° Spot or 38° Flood	35 35W		(blank) H /J J-style /L L-style	
NT	E-842	L	30	X	35	W		

Spec Example: NTE-842L30X35W - Aiden LED Track Fixture, 3000 Kelvin, Spot or Flood Beam Spread, 35 Watts, Black Finish, (H-Style)



Aiden 15W Vertical LED Track Fixture

NTE-845 Series

15W, 1100 Lumens, 80+ CRI Features: Color Temp: 3000K Warm White (30),

4000K Cool White (40) Beam Spread: 18° Spot & 38° Flood Reflectors

(included)

Finish: Black (B), Silver (S), White (W)

H-Style, J-Style Dimensions: Width: 5-1/4" Length: 5"

Dia: 2-3/4" Maximum Ext: 7-1/4"

Adjustability: 350° Horiz and 90° Vert rotation.

Electrical: 120V - Dimmable Three year limited warranty

Warranty:



AIDEN Vertical LED Track Fixture							
SERIES	SOURCE	COLOR TEMP	BEAM	WATTS	FINISH	STYLE	
NTE-845	L LED	30 3000K 40 4000K	X 19° Spot & 38° Flood	15 15W	S Silver	(blank) H /J J-style /L L-style	
NTF-845	1	30	X	15	W		

Spec Example: NTE-845L30X35W - Aiden LED Track Fixture, 3000 Kelvin, Spot or Flood Beam Spread, 15 Watts, White Finish, (H-Style)

Aiden 10W Horizontal LED Track Fixture

NTE-850 Series

Features: 10W, 700 Lumens, 80+ CRI Color Temp: 3000K Warm White (30), 4000K Cool White (40)

Beam Spread: 24° Spot & 42° Flood Reflectors

(included)

Black (B), Silver (S), White (W) Finish:

Style: H-Style, J-Style

Dimensions: Width: 4" Length: 5-1/2"

Dia: 1-3/4" Maximum Ext: 5-3/4"

Adjustability: 350° Horiz and 90° Vert rotation. Electrical: 120V - Dimmable

Warranty: Three year limited warranty



Includes "Snap-On" back to field change look to smooth cylinder





AIDEN Vert	AIDEN Vertical LED Track Fixture							
SERIES	SOURCE	COLOR TEMP	BEAM	WATTS	FINISH	STYLE		
NTE-850	L LED	30 3000K 40 4000K	X 24° Spot & 42° Flood	10A 10W		(blank) H /J J-style /L L-style		
NTE-850	L	40	χ	10A	В			

Spec Example: NTE-850L40X10W - Aiden LED Track Fixture, 4000 Kelvin, Spot or Flood Beam Spread, 10 Watts, Black Finish, (H-Style)

Aiden 15W Horizontal LED Track Fixture

15W NTE-847 Series

15W, 1100 Lumens, 80+ CRI Features:

Color Temp: 3000K Warm White (30), 4000K Cool White (40)

Beam Spread: 24° Spot & 42° Flood Reflectors

(included)

Finish: Black (B), Silver (S), White (W)

H-Style, J-Style

Dimensions: Width: 6-3/4" Length: 6-1/4"

Dia: 2-3/4" Maximum Ext: 7-5/8"

Adjustability: 350° Horiz and 90° Vert rotation.

Electrical: 120V - Dimmable

Warranty: Three year limited warranty









AIDEN Vert	AIDEN Vertical LED Track Fixture							
SERIES	SERIES SOURCE COLOR TEMP BEAM WATTS FINISH STYLE							
NTE-847	L LED	30 3000K 40 4000K	X 24° Spot & 42° Flood	15 15W	S Silver	(blank) H /J J-style /L L-style		
NTF-847	1	40	X	15	W			

Spec Example: NTE-847L40X15W - Aiden LED Track Fixture, 4000 Kelvin, Spot or Flood Beam Spread, 15 Watts, White Finish, (H-Style)







NTE-855 Series Round 18W*, 28W, 33W NTE-854 Series Square 18W*, 28W, 33W

Features: 18W, 1400Lm, 28W, 2200Lm & 36W, 2800 Lumens, 80+ CRI

Color Temp: 3000K (30), 3500K (35)

4000K (40)

Beam Spread: 24 Spot (S), 40° Medium (M),

60° Flood (F)

Finish: Black (B), Silver (S), White (W)

Style: H-Style, J-Style

Dimensions: Round: W: 6-1/4" L: 6-3/8"

Dia: 3-3/8" Max Ext: 7-7/8"

Square: W: 6-1/4" L: 7 Dia: 3-1/8" Max Ext: 8"

Adjustability: 350° Horiz and 90° Vert rotation. Electrical: 120V - Dimmable

Warranty: Three year limited warranty

IACON LED Trook Eivturg

JASON LED Track fixture							
SERIES	WATTS	BEAM	COLOR TEMP	FINISH	STYLE		
NTE-854 NTE-855	18* (18W) 28 (28W) 33 (36W)	S 24° M 40° L 60°	30 3000K 35 3500K 40 4000K	B Black S Silver W White	(blank) H /J J-style /L L-style		
NTE-850	28	S	30	W			

Spec Example: NTE-85528S35W - Jason Round LED Track Fixture, 28 Watts, 24° Spot Beam Spread, 3500K, White Finish, (H-Style)

NTE-855 accessories on page 278 * Special order



Pillar 18W LFD Track Fixture

NTE-810 Series 18W

Up to 1560 lumens and 81 CRI Features: Lamp: 18W LED (included) Color Temp: 3000K (30), 4200K (42) Beam Spread: 20° or 30° field changeable Finish: Black (B), Silver (S), White (W) Style: H-Style, J-Style, L-Style Dimensions: W: 6-3/8" L: 5-1/4" D: 3-5/8"

ME: 7-5/8"

Electrical: 120V dimmable

Warranty: Three year Limited Warranty









PILLAR LED Track Fixture						
SERIES	SOURCE	COLOR TEMP	BEAM	WATTS	FINISH	STYLE
NTE-810	L LED	30 3000K 40 4200K	X 20° / 30°	18	B Black S Silver W White	(blank) H /J J-style /L L-style
NTE-810	L	40	X	18	В	

Spec Example: NTE-810L40X15B - 18W Pillar LED Track Fixture, 4000 Kelvin Temperature, Spot or Flood Beam Spread, Black Finish, (H-Style)



Cori 12/23W LED Track Fixture

NTE-840 Series 12W / 23W

Features: 23W and 1800 Lumens

12W* and 1040 Lumens

Construct:

Die-cast aluminum head and body

Color Temp: 3000K (30), 4200K (42)

Beam Spread: 15° Spot (S), 35° Flood (F) Black (B), Silver (S), White (W)

Finish:

H-Style, J-Style, L-Style

Style:

Dimensions: 12W - W: 4-1/2" L: 3-5/8" D: 2-5/8" ME: 7-1/2"

D: 3-5/8" ME: 8-1/2"

23W - W: 6-1/2" L: 4-1/4"

Adjust:

345° Rotation. Driver and diode

castings independently pivot 180°

Flectrical:

120V, 23W Dimmable / 12W Non-Dim

Warranty: Three year Limited Warranty











CORLLED Track Fixture

SERIES	SOURCE	COLOR TEMP	BEAM	WATTS	FINISH	STYLE
NTE-840	L LED D* Dim-mable	30 3000K 40 4000K	S Spread F Flood	12* 23		(blank) H /J J-style /L L-style
NTE-840	D	30	S	23	W	/J

Spec Example: NTE-840D30S23W/J - Cori LED Track Fixture, 3000 Kelvin, 15° Beam Spread, 23 Watts, White Finish, "J" compatible adapter

Robo Cylinder 9W LED Track Fixture

NTE-820 Series

9W Max

Up to 314 lumens and 82 CRI Features: 3 x 3W LED (included) Lamp: Color Temp: 3000K (30), 4200K (42)

Beam Spread: 30° Beam (F) Finish: Black (B), White (W)

Style: H-Style, J-Style, L-Style Dimensions: W: 5-5/8" L: 3-1/2" D: 2-3/8"

ME: 8-1/2"

Adjust: 345° Rotation. Driver and diode

castings independently pivot 180°

Electrical: 120V non-dimmable

Warranty: Three year Limited Warranty









ROBO CYLINDER LED Track Fixture

SERIES	SOURCE	COLOR TEMP	BEAM	WATTS	FINISH	STYLE
NTE-820	L LED	30 3000K	F Flood	9	B Black W White	(blank) H /J J-style /L L-style
NTE-820	L	30	F	9	W	

Spec Example: NTE-820L30F9W - 9W Robo Cylinder LED Track Fixture, 4200 Kelvin Temperature, 30° Beam Spread, White Finish (H-Style)



^{*} Note: 23W Cori is dimmable, 12W Cori is not dimmable

VERSA TRACK SERIES

MR16 LED COMPATIBLE TRACK FIXTURE

Nora is proud to introduce some of their most popular MR16 Low Voltage track Heads with electronic dimmable drivers/transformers compatible with LED MR16 lamps or Halogen MR16 Lamps. The new fixtures have an integral driver/transformer that is rated for 3 to 50 watt loads. The low end allowance is critical to the long life performance of the LED MR16 lamps.



Versa V-Tech Single with Dimmable Integral Electronic Driver/Transformer

NTLE-265 H-Style 3W - 50W

Lamp: 3W-50W MR16 (not included)
Finish: Black (B), White (W)

Dimensions: Length: 3" Dia.: 2-7/8"

Max Fxt · 6"



Versa V-Tech Dual with Dimmable Integral Electronic Driver/Transformer

NTLE-8265 H-Style 3W - 50W

Lamp: 3W-25W (per head) MR16

(not included) Black (B), White (W)

Dimensions: Length: 6-3/4" Dia.: 2-5/8"

Max Ext.: 7-1/8"



Finish:



MR16 LED COMPATIBLE TRACK FIXTURE

Versa Cylinder with Dimmable Integral Electronic Driver/ Transformer

NTLE-203 H-Style 3W - 50W

Lamp: 3W-50W MR16 (not included)

Finish: Black (B), Bronze (BZ),

Natural Metal (NM), White (W)

Dimensions: Length: 3" Dia.: 2-1/4"

Max Ext.: 5-7/8"



Versa Gimbal Ring w/ Dimmable Integral Electronic Driver/ Transformer

NTLE-207 H-Style 3W - 50W

Lamp: 3W-50W MR16 (not included)

Finish: Black (B), Bronze (BZ),

Natural Metal (NM), White (W)

Dimensions: Length: 2-1/8" Dia.: 2-5/8"

Max Ext.: 5-1/2"



Versa Wireback with Dimmable Integral Electronic Driver/ Transformer

NTLE-213 H-Style 3W - 50W

Lamp: 3W-50W MR16 (not included)

Finish: Black (B), Natural

Metal (NM), White (W)

Dimensions: Length: 3" Dia.: 2-7/8"

Max Ext.: 6"



Versa Roundback w/ Dimmable Integral Electronic Driver/ Transformer

NTLE-214 H-Style 3 W - 50W

Lamp: 3W-50W MR16 (not included)

Finish: Black (B), White (W)

Dimensions: Length: 3-3/8" Dia.: 3-5/8"

Max Ext.: 5-3/4"



Custom stem lengths available in six-inch increments from 12" to 48". Consult factory.



SPECIFIABLE LED TRACK

LED GU10 & PAR FIXTURES · INCLUDES LED LAMP



NTH-618(finish)(lamp)(style) LED Italia™ GU10

Lamp: A13, H11
Finish: S Silver



NTH-619(finish)(lamp)(style) LED Metro™ GU10

Lamp: A13, H11 Finish: S Silver



NTH-910(finish)(lamp) LED Architectural Cylinder GU10

Lamp: A13, H11
Finish: B Black, W White



NTH-112(finish)(lamp)(style) Line Voltage Gimbal Ring PAR20

Lamp: A22*, A23*, E20*, E21*
Finish: B Black, N Natural Metal,

W White



NTH-109(finish)(lamp)(style) Universal PAR Lamp Holder

Lamp: A22, A23, A35, A36, A37, A82, A83, A84, E20, E21, H30, H31, H32, H33, E81, E82, E83, E84, E85

Finish: B Black, N Natural Metal,

W White



NTH-138(finish)(lamp)(style) Truly Universal PAR Holder

Lamp: A22, A23, A35, A36, A37, A82, A83, A84, E20, E21, H30, H31, H32, H33, E81, E82, E83, E84, E85

Finish: B Black, W White

Adapter Style: Blank - H or Nora style, /J - J-style adaptor, /L - L-style Lamp chart on page 201

SPECIFIABLE LED TRACK

LED GU10 & PAR FIXTURES · INCLUDES LED LAMP



NTH-107(finish)(lamp)(style) Line Voltage Gimbal Ring PAR30

Lamp: A35, A36, A37, H30, H31, H32,

H33

Finish: B Black, BZ Bronze, N Natural Metal, W White



NTH-108(finish)(lamp)(style) Line Voltage Gimbal Ring PAR38

Lamp: A82, A83, A84, A85,

E81, E82, E83, E84, E85 Finish: B Black, BZ Bronze,

N Natural Metal, W White



NTH-132(finish)(lamp)(style) Belgium™ PAR30 Die-Cast Gimbal

Lamp: H30, H31, H32, H33 Finish: B Black, S Silver, W White



NTH-133(finish)(lamp)(style) Belgium™ PAR38 Die-Cast Gimbal

Lamp: A82, A83, A84, A85 Finish: B Black, S Silver, W White



NTH-149(finish)(lamp)(style) Line Voltage Shroud PAR30

Lamp: A35, A36, A37, H30, H31, H32,

Finish: B Black, S Silver, W White



NTH-150(finish)(lamp)(style) Line Voltage Shroud PAR38

A82, A83, A84, A85, Lamp:

E80, E81, E82, E83,

E84. E85

B Black. S Silver. W White Finish:

Adapter Style: Blank - H or Nora style, /J - J-style adaptor, /L - L-style Lamp chart on page 201



SPECIFIABLE LED TRACK

LED GU10 & PAR FIXTURES · INCLUDES LED LAMP



NTH-920(finish)(lamp) LED Architectural Cylinder PAR20

Lamp: A22, A23, E20, E21 Finish: B Black, W White



NTH-930(finish)(lamp)
LED Architectural Cylinder PAR30

Lamp: A35, A36, A37, E30, E31, E32,

E33,

Finish: B Black, W White



NTH-883(finish)(lamp)(style) Line Voltage Duet PAR30

883 Lamp: A35, A36, A37, H30, H31, H32, H33 Finish: B Black, W White



NTH-884(finish)(lamp)(style) Line Voltage Duet PAR38

884 Lamp: A82, A83, A84, A85, E81, E82, E83, E84, E85 Finish: B Black, W White

Adapter Style: Blank - H or Nora style, /J - J-style adaptor, /L - L-style Lamp chart on page 201



HID CERAMIC METAL HALIDE TRACK

For applications requiring the highest possible color and lumen performance with the flexibility of track lighting, Nora offers a complete family of Ceramic Metal Halide track fixtures. Our newest fixtures, Vanguard Vertical Ballast Series, feature a minimal profile and architectural design.

T4 & T6 CMH TRACK FIXTURES



Reflector Shroud CMH Track Fixture

NTM-17T Series* 20W / 39W / 70W

Features: Low Profile, Integral electronic ballast,

and On/Off switch

Lamp: 20W, 39W G8.5 T4 CMH (not included)

39W, 70W G12 T6 CMH (not included)

Beam Spread: 15° Spot (S), 40° Flood (F) **Finish:** Black (B), Silver (S), White (W)

Style: H-Style

Accessories: Accepts louver and filters

NTM-17 SERIES Reflector Shroud CMH Track Fixture						
SERIES	SOURCE	WATTAGE	BEAM	FINISH	STYLE	
NTM-17	T4 G8.5 T4 T6 G12 T6 CMH	/20 20W /39 39W /70 70W	-15 15° -45 45°	B Black S Silver W White	(blank) H style	
NTM-17	T4	/70	-45	В		

Order Example: NTM-17T4/70-45B

70W T4 Track Fixture with 45° Beam Spread, Black Finish (H-Style)



Brilliance Low Profile CMH Track Fixture

NTM-55T Series* 20W / 39W / 70W

Features: Integral electronic ballast. Die-cast

construction, Protective glass lense included, and On/Off switch

Lamp: 20W, 39W G8.5 T4 CMH (not included)

39W, 70W G12 T6 CMH (not included)

Beam Spread: 15° Spot (S), 45° Flood (F)

Finish: Black (B), Silver (S), White (W)

Style: H-Style, J-Style, L-Style



Accessories: NA-301, NT-342 (must be used with NT-345)

NTM-55 BRILLIANCE SERIES LOW Profile CMH Track Fixture							
SERIES	SOURCE	WATTAGE	BEAM	FINISH	STYLE		
NTM-55	T4 G8.5 T4 T6 G12 T6 CMH	/20 20W (T4) /39 39W /70 70W (T6)	-15 15° -45 45°	B Black S Silver W White	(blank) H /J J-style /L L-style		
NTM-55	NTM-55 T4 /70 -45 B						

Order Example: NTM-55T4/39-45B/J

39W T4 Brilliance Track Fixture with 45° Beam Spread, Black Finish (J-Style)

T4 & T6 CMH TRACK FIXTURES

CMH Q-Tech CMH Track Fixture

NTM-77T Series* 20W / 39W / 70W

Features: Integral electronic ballast, Die-cast

construction, Protective glass lense

included, and On/Off switch

Lamp: 20W, 39W G8.5 T4 CMH (not included) 39W. 70W G12 T6 CMH (not included)

Reflector: 24°, 44°, 60° Beam Spread

Finish: Black (B), Silver (S), White (W)
Style: H-Style, J-Style, L-Style

Accessories: NA-100, NA-101B, NA-200, NA-300





NTM-77T SERIES Reflector Shroud CMH Track Fixture SERIES SOURCE WATTAGE BEAM FINISH STYLE NTM-77 T4 G8.5 T4 /20 20W (T4) -15 15° **B** Black (blank) H style **T6** G12 T6 /**39** 39W **-45** 45° S Silver CMH /70 70W -60 60° W White NTM-77 T6 /70 -60 В

Order Example: NTM-77T6/70-60B

70W T6 Q-Tech Track Fixture with 60° Beam Spread, Black Finish (H-Style)

T4/T6 Vanguard Series Track Fixture

NTM-27T4/20	20W	H-Style
NTM-27T4/39	39W	H-Style
NTM-27T4/70	70W	H-Style
NTM-27T6/39	39W	H-Style
NTM-27T6/70	70W	H-Style

Features: Low profile, Integral electronic ballast,

358° horizontal & 180° vertical adjustment Positive vertical locking with hot aiming

handle, and On/Off switch

Lamp: 20W, 39W, 70W G8.5 T4 CMH (not included)

39W, 70W G12 T6 CMH (not included)

Reflector: 24° Beam Spread (included) **Finish:** Black (B), Silver (S), White (W)



T4 CMH Vanguard 12° Beam Spread

NTM-27U30/20 20W H-Style

Features: Low profile, Integral electronic ballast,

358° horizontal & 180° vertical adjustment

Positive vertical locking with hot aiming

handle, and On/Off switch

Lamp: 20W G6.5 T4 CMH (not included)

Reflector: 12° Beam Spread (included)

Finish: Black (B), Silver (S), White (W)







MR16 GX10 CMH FIXTURES







LIGHTING TIP

NEC rates track at 45 watts per foot regardless of the amount of wattage being consumed on the track run. Use Nora's current limiting track feeds to meet stringent watts per square foot requirements.

PAR CMH FIXTURES









Finishes: B Black, S Silver, W White (specify) | Lamps ordered separately

PAR CMH FIXTURES continued

INTEGRAL ELECTRONIC BALLAST with ON/OFF SWITCH

















Finishes: B Black, S Silver, W White (specify) | Lamps ordered separately

PAR CMH FIXTURES

















Finishes: B Black, S Silver, W White (specify) | Lamps ordered separately

PAR CMH FIXTURES

















Finishes: B Black, W White (specify) | Lamps ordered separately

ED17 and WALL WASH CMH FIXTURES















Finishes: B Black, S Silver, W White (specify) | Lamps ordered separately

COMPACT and LINEAR FLUORESCENT

Nora Lighting offers a complete family of compact fluorescent and linear fluorescent wall wash fixtures with electronic ballasts, ranging from 24 to 108 watts, to meet all possible energy and performance requirements. Nora's fluorescent track fixtures available in T5 High Output, Compact Fluorescent, and New GU24 are the ideal solution to high performance energy efficient lighting in commercial, retail, hospitality, and residential applications.

T5 HIGH OUTPUT FLUORESCENT





Finishes: B Black, S Silver, W White (specify) | Lamps ordered separately



COMPACT FLUORESCENT FIXTURES



NTF-2642T (1) 26W-42W Triple Tube CF Track W: 5-7/8" x L: 11-1/4"

B S W



(2) 27W F27 Twin Tube Fluorescent Track W: 5" x L: 12-3/8"

B S W



NTF-3218 (2) 18W F18 Twin Tube Fluorescent Track W: 5" x L: 14-1/4"

B S W



NTF-3239 (2) 39W F39 Twin Tube Fluorescent Track W: 5" x L: 18"

B S W





Finishes: B Black, S Silver, W White (specify) | Lamps ordered separately Louvers available in Black, Chrome and White, Consult factory.

COMPACT FLUORESCENT GU24 FXITURES

Nora's energy efficient GU24 compact fluorescent track fixtures have no bulky ballast housing because the ballast is in the lamp! In addition, the end user can select and change the desired wattage at any time before or after installation. Seven different GU24 CFL styles; up to 26W max.



Self Ballasted Spiral and R30 GU24 CFL Lamp















Finishes: B Black, BZ Bronze, N Natural Metal, S Silver, W White (specify)
Lamps ordered separately

LOW VOLTAGE MR16 FIXTURES

Nora Lighting's low voltage track fixtures are an outstanding, state-of-theart solution for energy efficient task and accent lighting. Used where color rendition and high resolution are desired, low voltage track features precise beam control, a crisp "white" light and longer lamp life. Nora Lighting presents six series of low voltage track fixtures: V-Tec, Vanguard Series, European Collection, QuickJack Custom Series, 2000 Series, and 200 Series.

















Finishes: B Black, S Silver, W White (specify) | Lamps ordered separately

LOW VOLTAGE MR16 FIXTURES















LIGHTING TIP: Low voltage MR16's produce minimal forward heat and UV so they are an excellent choice for lighting fine artwork.

* Custom stem lengths available in 6" increments from 12" to 48". See page 255

Finishes: \$ Silver | Lamps ordered separately

LOW VOLTAGE MR11/MR16 FIXTURES













LIGHTING TIP: Two-circuit track can separate accent lighting from general lighting on a single run.



^{*} Custom stem lengths available in 6" increments from 12" to 48". See page 255

Finishes: \$ Silver | Lamps ordered separately

LOW VOLTAGE MR16 FIXTURES



NTL-201/75* 20W-75W MR16 Studio with Integral Electronic Transformer

B W



See page 235 for Versa LED Compatible Cylinder NTL-203* 20W-50W

NTL-203/75* 20W-75W MR16 Cylinder with Integral Electronic Transformer

B BZ N W



See page XXX for Versa LED Compatible Gimbal Ring NTL-207* 20W-50W NTL-207/75* 20W-75W MR16 Gimbal Ring with Integral Electronic Transformer B BZ N W







* Custom stem lengths available in 6" increments from 12" to 48". See page 255 Finishes: B Black BZ Bronze NM Natural Metal W White | Lamps ordered separately

LOW VOLTAGE MR16 FIXTURES













LOW VOLTAGE MR16 FIXTURES

WITH MAGNETIC TRANSFORMER





^{*} Custom stem lengths available in 6" increments from 12" to 48". See page 255

Finishes: B Black BZ Bronze G Gold N Natural Metal W White | Lamps ordered separately

3-IN-1 LOW VOLTAGE COMBINATION PROJECTOR

3-in-1 Combination Prjector with Intergral Electronic Transformer

NTL-226B 20W-75W

Features: One projector functions as

a Framing projector, Beam concentrator or Gobo projector

Lamp: 75W MR16 (not included) max

Finish: Black (B)

Style: H-Style, J-Style, L-Style

Dimensions: Length: 9-3/4"

Diameter: 4-7/8" Maximum Extension: 12"



FRAMING PROJECTOR

Four independent shutters create a sharp border around any picture frame. Focus control can either soften the border to blend with any wall texture, or sharpened to make the picture appear backlit.



Four templates reduce the beam from an MR16 to a variety of sizes, allowing any size object to be illuminated with no residual light spill.



Gobo holder allows the use of a variety of ready made graphics to be projected onto a floor, wall or ceiling. Gobo function also allows user to create any custom image, including company logos.







MR16 Extension Stems:

Factory installed extensions are available with the following:

- European Collection Low Voltage MR16 NTL-300 Series (except NTL-301, NTL-307, NTL-317)
- European Collection Line Voltage GU10 MR16 NTH-600 Series
- Nora Standard Low Voltage MR16 NTL-200 Series (except NTL-221, NTL-222, NTL-225, NTL-226)



How to order:

Fixtures with factory installed extensions are custom manufactured; at the time of specification or order, please add (/) and the stem length you desire, example NTH-619S/36. Consult factory for pricing and availability.



LOW VOLTAGE AR111 & PAR36 FIXTURES











* Custom stem lengths available in 6" increments from 12" to 48". See page 255

Finishes: B Black N Natural Metal S Silver W White | Lamps ordered separately

LINE VOLTAGE GU10 MR16

Nora Lighting has a complete offering of Line Voltage track fixtures. From the simplest lamp holder to high-tech designs, these track fixtures can be used on one-circuit or two-circuit, H, J and L style track systems. A complete line of accessories allows you to customize your design to meet your specific lighting needs. Compatible with most LED GU10 & GU10 MR16 lamps.

















^{*} Custom stem lengths available in 6" increments from 12" to 48". See page 255

Finishes: B Black \$ Silver W White | GU10 MR16 lamp included

LINE VOLTAGE GU10 MR16 FIXTURES









LINE VOLTAGE BR/PAR FIXTURES





LIGHTING TIP

The Duet die-cast aluminum track head offers a budget-friendly solution to put twice the light on focal points or provide a broad wash of light from a single source. The duet can also supply uniform aisle or hall light by alternating the direction of each head. The Duet also accommodates after market LED lamps.

* Custom stem lengths available in 6" increments from 12" to 48". See page 255

Finishes: B Black S Silver W White | Lamps included

















^{*} Custom stem lengths available in 6" increments from 12" to 48". See page 255

Finishes: B Black BZ Bronze \$ Silver W White | Lamps included

















Finishes: B Black BZ Bronze S Silver W White | Lamps ordered separately

















Finishes: B Black BZ Bronze N Natural Metal S Silver W White | Lamps ordered separately











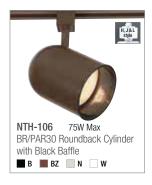






Finishes: B Black BZ Bronze N Natural Metal S Silver W White | Lamps ordered separately

















Finishes: B Black BZ Bronze N Natural Metal W White | Lamps ordered separately

TRACK PACKS LINE AND LOW VOLTAGE

Nora Lighting Track Packs offer an economical solution to track lighting by including in one carton all the necessary components to install a 2', 3', or 4' section of track over an existing junction box. Excellent for simple lighting jobs or multiple unit job applications. Track packs are now available with 2, 3, and 4 fixtures, in white, black, bronze and natural metal finishes. Track packs include track w/end caps, floating canopy feed and track heads.

















Finishes: B Black BZ Bronze N Natural Metal S Silver W White | Lamps ordered separately

TRACK MOUNT PENDANT ASSEMBLIES

ACCEPT DECORATIVE GLASS, SOLD SEPARATELY









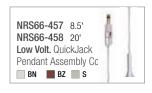












Finishes: B Black BN Brushed Nickel BZ Bronze C Chrome S Silver W White Glass ordered separately



LED PENDANT ASSEMBLY

TRACK, RAIL AND CANOPY MOUNT · GLASS SOLD SEPARATELY

14W LED Pendant

for Decorative Glass

Nora's new High Lumen 14 watt, 1000 lumen, 90+CRI LED pendant is compatible with over 100 Nora glass shades. Uniquely designed to light the glass as well as providing usable down light, the LED module features an architectural die-cast aluminum heat sink. The dimmable driver is mounted in the canopy. Energy savings has never been so beautiful.

FEATURES

- · Dimmable driver mounted in canopy
- · 1000 Lumens using 14 Watts
- · 3500K, 90+ CRI using Nichia® LEDs
- · Designer heat sink for excellent heat management
- · Frosted glass shield evenly distributes the light
- · 8.5' field adjustable cord
- · Brushed Nickel (BN) or Bronze (BZ)
- · Over 100 compatible Nora glass shades

14W 3500K LED Pendant Assembly

NTE-164/35(finish)(adapter finish) Track Mount NRS92-P42/35(finish) Canopy Mount NRS72-453/35(finish) Rail Mount

Lamp: Single 14W LED module

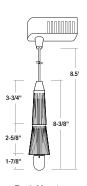
Finish: Brushed Nickel (BN), Bronze (BZ)

Track Adapter Finish: Black (B), Silver (S), White (W)

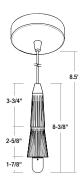
Mount: Includes integral LED driver

Dimensions: Heat Sink: 3-3/4" (95mm)
Counter Sink: 2-5/8" (67mm)

Cord: 8' 6" (259cm), field adjustable



Track Mount



Canopy Mount



14W LED Brushed Nickel Track Mount NTE-164/35BNB



Shown with NRS80-432R Paxon Glass







Rail Mount

RECESSED TRACK HOUSING NEW



REQUIRES 1 OR 2 CIRCUIT TRACK

Recessed track housing mounts into a hard ceiling or can be used in a T-Bar ceiling. The housing will accomodate the Nora NT-300 or NT-2300 series track and connectors. The track is recessed into the housing, giving the ceiling a clean, architectural appearance. Please note, Recessed track requires additional framing in hard ceilings.

Recessed Track Housing

NTRT-4*	4'
NTRT-8*	8'
Finish:	Black (B), White (W)
Dimensions:	Width: 2-3/4" Height: 1-1/2"

*Requires respective 1 or 2 circuit Nora Track







Straight Connector for Recessed Track Housing NTRT-10



L-Connector for Recessed Track Housing



T-Connector for Recessed Track Housing NTRT-14

NTRT-13



X-Connector for Recessed End Feed for Recessed Track Housing NTRT-15

Track Housing



Deed End for Recessed Track Housing NTRT-18





TRACK CURRENT LIMITER

Nora's Current Limiter is a UL Listed line voltage Track power feed with an integral circuit breaker that limits the current load on the track to a specified amperage/wattage. Seven different available breaker amperages from 1Amp to 14Amp allow you to customize your design. The "Current Limiter" replaces standard End Feed and In-Line Track Feed and is extremely easy to install right out of the box. No assembly required. Available in Black, White, or Silver finish.

Why and When to use a Nora Current Limtiter:

Use Nora's track current limiter in tough watts per square foot Title 24 applications. Commercially and residentially, Title 24 and the NEC limit the use of track lighting and measure by length of run, not by wattage consumed. NEC has rated the load calculation at 45 watts per foot regardless of the actual load.

Example: (3) 39W heads on a 20' run would be calculated at 900W (20' X 45 W)

With Nora's 1 amp current limiting track feed, this run is now limited to 120 watts. A savings of 780 watts.

HOW TO ORDER:

- 1. Decide if you need one or two circuits.
- 2. Determine if you need an end or in-line feed
- 3. Select the appropriate size circuit breaker
- 4. Choose the color

Sample: Two Circuit end feed, 2.5A Circuit Breaker, white finish = NT-2348/2.5AW

ADVANTAGES:

- · Available in one or two circuit track.
- · Single end feed or double in-line feed.
- · Illuminated rocker switch indicates power to track
- · 7 different breaker amperages to customize your design
- · Ready to install, no assembly required
- UI Listed









CONNENT LIMITER END FEEDS				
ONE CIRCUIT		TWO CIRCUIT*		
NT-348/1A	1A / 120W	NT-2348/1A	1A / 120W	
NT-348/2.5A	2.5A / 300W	NT-2348/2.5A	2.5A / 300W	
NT-348/4.5A	4.5A / 540W	NT-2348/4.5A	4.5A / 540W	
NT-348/5A	5A / 600W	NT-2348/5A	5A / 600W	
NT-348/7.5A	7.5A / 850W	NT-2348/7.5A	7.5A / 850W	
NT-348/10A	10A / 1200W	NT-2348/10A	10A / 1200W	
NT-348/12A	12A / 1440W	NT-2348/12A	12A / 1440W	
NT-348/14A	14A / 1680W	NT-2348/14A	14A / 1680W	

CURRENT LIMITER IN-LINE FEEDS

COMMENT LIN	III LIN IIN-LIINL I LL	.00	
ONE CIRCUIT		TWO CIRCUIT*	
NT-358/1A	1A / 120W	NT-2358/1A	1A / 120W
NT-358/2.5A	2.5A / 300W	NT-2358/2.5A	2.5A / 300W
NT-358/4.5A	4.5A / 540W	NT-2358/4.5A	4.5A / 540W
NT-358/5A	5A / 600W	NT-2358/5A	5A / 600W
NT-358/7.5A	7.5A / 850W	NT-2358/7.5A	7.5A / 850W
NT-358/10A	10A / 1200W	NT-2358/10A	10A / 1200W
NT-358/12A	12A / 1440W	NT-2358/12A	12A / 1440W
NT-358/14A	14A / 1680W		

* Includes 2 breakers of equal size - consult factory for options. Finishes: **B** Black, **S** Silver, **W** White



ONE-CIRCUIT TRACK

Nora One-Circuit Track system with it's miniature size and push in connectors, Nora's one-circuit track system provides versatility for every lighting application. With a dedicated copper ground, the system is designed and engineered for safety and ease of installation.

One-Circuit Track

Dimensions:

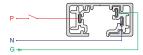
NT-301	2' (24-1/4" with End Cap)
NT-302	4' (48-1/4" with End Cap)
NT-303*	6' (72-1/4" with End Cap)
NT-304	8' (96-1/4" with End Cap)
NT-331**	12' (144-1/4" with End Cap)
Rating:	120V, 20A Circuit, 2400W

Finish: Black (B), Bronze (BZ), Natural Metal (N), Sllver (S), White (W) Style: 3-Wire - Dedicated ground wire Width: 1-3/4" Height: 5/8"

Nora Lighting's Single-Circuit Track is the perfect choice when you need only one lighting circuit. It is rated for a maximum of 2400 watts and is supported by a full line of accessories. If you require more control, additional switched feed points can be made with additional connectors.



Wiring for one switch and one circuit



TWO-CIRCUIT TRACK

Nora Two-Circuit Track system providing versatility for every lighting need, two-circuit track's miniature size, contemporary finishes, and push-in connectors combine to make it perfect for residential or commercial use. This track system is ideal for single or double switching, allowing greater control for various illumination levels. Dual dimming is allowed with use of a single-phase neutral circuit.

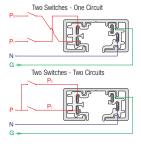
Two-Circuit Track

NT-2302	4' (48-1/4" with End Cap)
NT-2303*	6' (72-1/4" with End Cap)
NT-2304	8' (96-1/4" with End Cap)
NT-2331*	12' (144-1/4" with End Cap)
Rating:	(2) 20A Circuits, 2400W each

Finish: Black (B), Silver (S), White (W) Style: 4-Wire Dedicated Ground Dimensions: Width: 1-3/4" Height: 5/8"

Nora Lighting's Two-Circuit Track System is designed for use when two separately controlled circuits are required on one section of track. Each circuit is rated for 2400 watts and will allow you to control two individual sets of fixtures.* The use of two-circuit track eliminates the need for long, separate fed runs, thus saving installation costs. A full line of fixtures and accessories enhance the flexibility of design and installation.







^{*} Not available in BZ ** Not available in BZ, N

^{*} Not available in S

TRACK SYSTEM ACCESSORIES



NT-311 1 Circuit
NT-2311 2 Circuit



Floating Canopy Feed NT-307 1 Circuit NT-2307 2 Circuit



NT-352 1 Circuit
NT-2352 2 Circuit



NT-316 1 Circuit
NT-2316 2 Circuit
Add "L" for left polarity



Cord and Plug Set
NT-321 1 Circuit



Live End Conduit Feed
NT-328 1 Circuit
NT-2328 2 Circuit
Add "L" for left polarity



Current Limiting Live End Feed with Circuit Breaker NT-348/_A 1 Circuit NT-2348/_A 2 Circuit (1A, 2.5A, 5A, 7.5A, 10A, 12A, 14A)



T-Bar End Feed
NT-348 1 Circuit
NT-2348 2 Circuit



Current Limiting In-Line Feed with Circuit Breaker NT-358/_A 1 Circuit NT-2358/_A 2 Circuit (1A, 2.5A, 5A, 7.5A, 10A, 12A, 14A)



Live Straight Connector NT-310 1 Circuit NT-2310 2 Circuit



Flexible Connector
NT-309 1 Circuit
NT-2309 2 Circuit



T-Connector NT-314 1 Circuit NT-2314 2 Circuit



I-Connector NT-312 1 Circuit NT-2312 2 Circuit



L-Connector NT-313 1 Circuit NT-2313 2 Circuit



NT-315 1 Circuit NT-2315 2 Circuit

Finishes: B Black BZ Bronze S Silver W White (specify)

* BZ Bronze connectors only available in single circuit

TRACK SYSTEM ACCESSORIES



Outlet Box Cover NT-320



Monopoint with Power Feeder NT-319 Square NT-366 Round



Monopoint with Integral Transformer NT-347



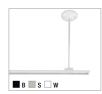
Monopoint with Power Feeder for Low Volt Track NT-337



Wire Way Cover NT-326 1 Circuit



Slope Pendant Adapter NT-349 1 Circuit



Pedant Assembly Kit NT-305 18" NT-306 24" NT-336 36" NT-329 48"



Replacement Stem 24" NRA-132/24 NRA-132/48 48" NRA-132/72 72" NRA-132/96 96"



NT-355/8 8' NT-255/20 20'



Stem Coupler NRA-82



Slope Track Adapter NT-333 H Fixture to H Track NT-334 J Fixture to H Track NT-335 H Fixture to J Track



Track Fixture Extension Rods with Connectors NT-322 18" NT-323 24" NT-324 36" NT-325 48"



Flexible Extension Rod NT-330 18"



Electronic Transformer NTL-2200/50 50W NTL-2200/75 75W



T-Bar Attachment Clip NT-332 15/16"

Finishes: B Black BZ Bronze S Silver W White (specify)



TRACK SYSTEM ACCESSORIES



QuickJack Adaptor NT-370 20W-50W Versa Low Volt. Q.J. Adaptor NTE-370 3W-50W



Retrofit Monopoint Adapter NT-374 4" NT-376 6"



Dead End Caps
NT-318 1 Circuit
NT-2318 2 Circuit



Track Pendant Adapter
NT-368 Extends 2"



Utility Hook
NT-308 up to 30lbs.



Outlet Adapter NT-327



Track Clamp Adapter w/ Grounded Plug NT-364



Track Clamp Adapter w/ Coil Cord NT-364C

TRACK FIXTURE ACCESSORIES



MR16 Glass Shield NGD-17 Must be factory installed



MR16 Silicone Flange Ring NTR-100



Lenses for MR16 Lamps NM-100(color)/MR16 B-Blue, Y-Yellow, G-Green, R-Red, F-Frost, L-Linear, S-Spread



MR16 Mesh Shield NT-360



MR16 Flange/Ring Holder NT-361



MR16 Mesh/Ring Combo NT-361X

FINISHES: A Amber, B Black/Blue, BU Blue, G Green, F Frost, R Red, S Silver, Y Yellow, W White (specify)



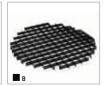
TRACK FIXTURE ACCESSORIES continued



Lensed, Silver Back MR16 QU50MR16EXN/CS 50W GU5.3 12v 50MR16/L10S 50W GU10.0 120v



Dichroic Reflector NT-304



MR16 Honeycomb Louver NT-362



Socket Extender NRA-10



Beam Concentrator NT-351



Barn Door for Cori 23W and Pillar LED fixtures & NTE-842 NT-339CP



Barn Door for BR/PAR NT-338 R/PAR20 NT-339 BR/PAR30 NT-340 BR/PAR38



Louver for BR/PAR NT-341 R/PAR20 NT-342 BR/PAR30 NT-343 BR/PAR38



Holder for BR/PAR NT-344 R/PAR20 NT-345 BR/PAR30 NT-346 BR/PAR38



Vertical Louver for NTM-77T4, NTM-77T6 NA-100



Shroud for NTM-77T4, NTM-77T6 NA-200



Black Honeycomb Louver for NTM-77T4, NTM-77T6 NA-101B



Suction Cup GU10 MR16 Relamping Tool NRS90-N20



Clear Replacement Lens NA-300 for NTM-77 NA-301 for NTM-55

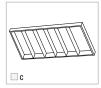


MR16 Relamping Tool NT-363

FINISHES: B Black, S Silver, W White (specify)



TRACK FIXTURE ACCESSORIES continued



Replacement CFL Louver NTFL-2642



Replacement Fluor. Louver NTFL-3218 for NTF-3218 NTFL-3227 for NTF-3227 NTFL-3229 for NTF-3229 NTFL-3240 for NTF-3240



Vertical Louver for NTM-58 and NTM-59 NAT-381



Clear Replacement Lens NA-382 for NTM-58DE, NTM-59 NA-398 for NTM-5717



Shield NTF-4224-LENS for NTF-4224 NTF-4239-LENS for NTF-4254-LENS for NTF-4254

Plastic Snap-On Lamp



Replacement T5 H0 Louver NTFL-4124 for NTF-4124 / NTF-4224 NTFL-4139 for NTF-4139 / NTF-4239 NTFL-4154 for NTF-4154 / NTF-4254



Prismastic Lens NA-383 for NTM-58DE, NTM-59 NA-399 NTM-5717



Lamp Shield for NTM-58 and NTM-59 NAT-380



Black Accessory Snoot NT-350



Frosted JC6.35 Lamp Shield NT-365

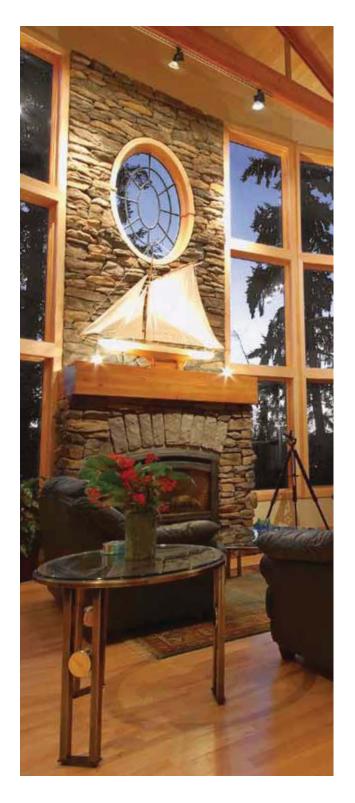


Jason LED Accessories
NTE-855BDB - Barn Door Black
NTE-855BDW - Barn Door White
NTE-855FG - Frosted Glass
NTE-855HC - Honey Comb Louver

NTE-855SN - Snout Black

NTE-855SNWW - Snout Wall Wash Black

Finishes: B Black C Chrome S Silver W White (specify)







MINI TRACK

MR16 LED COMPATIBLE TRACK

HALOGEN SPOTLIGHT TRACK

PENDANT TRACK

MINI TRACK

Nora Lighting's low voltage Mini Track collection provides elegant lighting solutions for small coves, display cases, niches and other areas that demand vibrant lighting effects within small areas. Constructed from the finest materials and finishes, Nora Mini Track fixtures complement any interior or architectural settings.

LINEAR ACCENT LIGHTING

MR16 LED COMPATIBLE TRACK FIXTURE

Ultra-compact xenon lamp holders are the perfect size for under cabinet lighting, accent lighting for display cases, and cove lighting.

FEATURES:

- Field customizable lamp position and spacing
- 1" overall profile (including track)
- High quality polished aluminum reflector
- · Black or white finishes
- Efficient, cool running wedge-base xenon lamps
- · Up to 20,000 hour lamp life
- · 24V lamps also available
- · cULus Listed





NLMT-721 3W-10W Maia[™] Single Wedge Base Lampholder with Polished Aluminum Reflector

12V/24V Wedge Base (not included)

B W



Maia II™ Double Wedge Base Lampholder with Polished Aluminum Reflector

12V/24V Wedge Base (not included)

■ B W



Bella Linear Rigid Loop Lampholder with Polished Aluminum Reflector

12V/24V Xenon Rigid Loop (not included)

B W



Finishes: B Black, W White (specify) Lamps ordered separately



MINI TRACK HALOGEN SPOTLIGHTS

Our highly attractive miniature spotlights utilize MR11 and MR16 halogen lamps for brilliant, pure white light. Built especially for small spaces, the diecast aluminum and formed steel fixtures are the perfect complement to any discrete application.

FEATURES:

- Solid 10 Gauge conductors for 25 amp loads. 300W 12V / 600W 24V Max.
- Petite MR11 and MR16 halogen lamps allows precise beam focusing (lamps not included)
- Miniature locking track adaptor provides secure track connection
- · 24 volt lamps / Transformers can be used for longer runs
- Optional lenses and color filters create dramatic highlights
- Electronic and magnetic transformers are available
- · Black or white finishes
- Efficient, cool running wedge-base xenon lamps
- \cdot Up to 20,000 hour lamp life
- · 24V lamps also available
- · cULus Listed



NLMT-701 MR11 20W-35W NLMT-703 MR16 20W-50W Caroli™ Studio Spot 12V/24V MR11 & MR16 (not included)

■ B W



NLMT-733 MR11 20W-35W Piccolo-Cylinder Mini Studio Spot 12V/24V MR11 (not included)

B W



NLMT-705 MR11 20W-35W NLMT-706 MR16 20W-50W Capella™ Slantback

12V/24V MR11 & MR16 (not included)

B W



NLMT-735 MR11 20W - 35W Cubino-Cube Mini Studio Spot 12V/24V MR11 (not included)



NLMT-707 MR11 20W-35W NLMT-709 MR16 20W-50W Electra™ Gimbal Ring

12V/24V MR11 & MR16 (not included)

■ B W



Poquito - Petite Octagon Mini Studio Spot

12V/24V MR11 (not included)

B W

Finishes: B Black, W White (specify) Lamps ordered separately



MINI TRACK PENDANT

The versatile pendant cord adaptor can be used with Nora decorative glass shades or custom glass pieces for a totally unique look. Nora's MiniTrack gives the beauty of pendant fixtures without the bulk of a traditional track system.

FEATURES:

- · Miniature locking track adaptor provides secure track connection
- · Can be installed on Nora Mini Track or monopoints
- · 4' and 8' cords may be fieldcut to desired length
- · Accepts decorative glass shades up to one pound (not included)



NLMT-734 4' 20W-50W NLMT-738 8' 20W-50W Polaris[™] Mini Pendant Cord Adaptor

12V/24V JC 6.35 Lamp (not included)



NLMT-760* Mini Track QuickJack Adapter





*See pages 208 for QuickJack fixtures and page 207 for pendants.

MINI TRACK ACCESSORIES



NLMT-702 2 NLMT-704 4' **NLMT-708** 8' Includes End Feed and End Cap

Low Voltage Mini Track



NLMT-718 (1) Included with each track

End Cap



End Feed Connector NLMT-716 (1) Included with each track



NLMT-710 3/4" Straight Connector adds 3/4" to length



NLMT-712 3-1/8" I-Connector adds 3-1/8" to Length



NLMT-713 1-7/8" L-Connector adds 1-7/8" to length



Conduit End Feed NLMT-728 2-5/8" Connector adds 2-5/8" to length



with Canopy NLMT-752 2-7/8" Dimensions: 2-7/8" X 4-3/8"



Monopoint Power Feeder NLMT-719 50W



Monopoint with Integral **Electronic Transformer** NLMT-747 50W



End Mount with Integral Electronic Transformer NLMT-75 75W



Canopy Mount w/ Integral Electronic Transformer NLMT-150 150W



Transformers NET-1060 12V 60W NET-1075 12V 75W

NET-1150 12V 150W



Remote Magnetic Transformers

NTM-150/12SP 150W 120/12V

NTM-300/12SP 300W 120/12V

NTM-300/24SP 300W 120/24V

NTM-600/12SP 600W 120/12V

NTM-600/24SP 600W 120/24V

NTM-1200/12SP 1200W 120/12V NTM-1200/24SP



NM-100 MR11/MR16 (B) Blue, (Y) Yellow, (G) Green, (R) Red, (F) Frosted, (L) Linear, (S) Spread



See Pages 336-339 for a complete selection of transformers







SPECIALTY

24V LED LIGHTBARS

LED UNDER CABINET

LED BRAVO AND BRAVO PLUS LINEAR

LED FLEX LIGHT

LED TAPE LIGHT Standard, Standard Side-Lit, Hy-Brite, High Output, RGB, RGBW and CCT Color-Changing

FLUORESCENT UNDER CABINET

HALOGEN UNDER CABINET

LED PUCK LIGHTS

LOW VOLTAGE PUCK LIGHTS

MINI LOW VOLTAGE DOWNLIGHTS

LINEAR · UNDER CABINET · ACCENT · NICHE

LED Specialty

Nora's family of LED Specialty lighting products for linear, accent, or discrete general lighting is limited in application only by the lighting designer's imagination. These fixtures are compact in design and meet various energy requirements while achieving desired lighting effects. Nora's specialty lighting can be specified in a variety of applications including, under cabinet, niche, display, cabinet, shelf, closet, furniture, cove, under bar top, toe-kick or other applications where drama and accent lighting are used to define a space. Linear applications are solved with LED Lightbar 90+, LED Lightbar Pro 90+, LED Undercabinet, LED Bravo Linear, LED Bravo Plus Linear, LED Tape Light, and LED Puck Lights. Nora's LED Specialty Lighting is an excellent choice for today's Green Energy Efficient Environment.

LED SPECIALTY LIGHTING OVERVIEW

LED LIGHTBAR PRO 90+ AND LIGHTBAR 90+

24V High-output extruded aluminum low profile linear LED



120V LED edge-lit undercabinet

LED BRAVO PLUS AND BRAVO

120V Linear

LED FLEX LIGHT

12V linear LED connected modules

LED STANDARD TAPE LIGHT

Flexible, wet label, damp label and side-lit tape available in 12V or 24V and six light output colors. 70 to 100 Lumens per foot, and 90+ CRI option

LED HY-BRITE TAPE LIGHT

24V Flexible Damp label tape. 200+ Lumens per foot, and 90+ CRI option $\,$

LED HIGH OUTPUT TAPE LIGHT

24V Flexible, damp label tape producing over 350 lumens per foot, and 90+ CRI option

LED RGB TAPE LIGHT

Flexible, wet label tape available in 12V or 24V and can change color at the press of a button.

NEWD LED CCT ADJUSTABLE TAPE LIGHT

Adjustable from 2500K to 4500K. Available in 24V

NEWD LED RGBW TAPE LIGHT

RGB flexible tape with a dedicated 30K LED chip for true, natural white light when needed. Available in 24V

LED PUCK LIGHT

12V High performance, low energy, low profile, discrete light source



24V LED LIGHTBARS

LED LIGHTBAR 90+ and PRO 90+

3 YEAR LIMITED WARRANTY

Nora introduces one of the most powerful LED linear low profile light sources on the market. The Lightbar Pro 90+ produces an incredible 425 plus lumens per foot while only consuming only 8W at 90+ CRI. The Lightbar 90+produces up to 245 lumens and greater than 90 CRI per foot. Can be used in under cabinet, in cabinet, cove, display, and general commercial, retail and residential lighting applications.



FEATURES:

- · Lightbar Pro 90+:
 - Over 425 Lumens/foot using an average of 8W/foot
 - -90 + CR
 - Up to 10' run with 100W driver, 7' with 60W driver and 3' with 30W driver
- · Lightbar 90+:
 - Up to 245 Lumens per watt at 4.0W per foot
 - 90+ CRI (meets new Title 24 code requirements)
 - Up to 24' run with 100W electronic driver, or 20' with 96W magnetic driver
- · 24V DC system
- · Available in 3000K Warm White and 4200K Cool White
- · Easy installation with adjustable aiming mounting brackets
- · Flush end connectors
- · Dimmable with dimmable power supply
- · Lightbars and Class II Drivers rated for -20°C operation
- · 30,000 hours of rated lamp life
- · 3 year limited warranty

LED LIGHTBAR PRO 90+ (425 Lumens / 8W per foot)									
	CATALOG NUMBER	LENGTH	WATTS	LUMENS	COLOR TEMP	FINISH			
	NULB-506LED9	6"	4	210+	30 3000K	A Aluminum			
	NULB-512LED9	12"	8	425+	42 4200K	BZ* Bronze			
	NULB-524LED9	24"	16	850+					
	NULB-548LED9	48"	32	1700+					

Example: NULB-506LED930A - 6" LED Lightbar Pro 90+, 3000K, Aluminum finish

* Bronze finish only available in 3000K

LED LIGHTBAR 90+ (245 Lumens / 4W per foot)							
CATALOG NUMBER	LENGTH	WATTS	LUMENS	COLOR TEMP	FINISH		
NULB-6LED9	6"	2	120+	30 3000K	A Aluminum		
NULB-12LED9	12"	4	240+	42 4200K	BZ Bronze		
NULB-24LED9	24"	8	440+				
NULB-36LED9	36"	12	700+				
NULB-48LED9	48"	16	900+				
Example: NULB-24LED942BZ - 24" LED Lightbar 90+, 4200K, Bronze finish							



24V LED LIGHTBAR ACCESSORIES

LED LIGHTBAR 90+ AND LIGHTBAR PRO 90+



Diffuser Lens

Softens LED image and diffuses the light. Easily attaches to Nora LED Lightbars and does not increase overall depth or width.

NAL-299/6 6" NAL-299/12 12" NAL-299/24 24" NAL-299/36 36" NAI -299/48 48"



In-Line Motion Sensor

Motion activated sensor turns Lightbar on. Includes end to end connector, bar to bar joiner, flat mounting clip, adjustable mounting clip, and special power line interconnector* with in-line switch.

NAL-230 24V DC (A) Aluminum, (BZ) Bronze



In-Line Dimmer Control

Tap to turn on/off and hold to dim. Includes end to end connector, bar to bar joiner, flat mounting clip, and special power line interconnector*.

NAL-255 24V DC; (A) Aluminum, (BZ) Bronze



End to End Connector NAL-200
(1) Included with each Lightbar



Connector Retainer Clip NAL-270 (A, BZ)



Bar to Bar Joiner NAL-225 (BZ, C)



Mounting Clips
NAL-201 (BZ, C)
Flat - 0°, 10°, 23°
NAL-245 (BZ, C)
Angled - 45°, 53°, 65°
Included with each
Lightbar



Adjustable Mounting Clip NAL-280 (BZ, C) Rotates 180 degrees



Interconnection Cables
NAL-202 2" Cable
NAL-206 6" Cable
NAL-218 18" Cable
NAL-238 38" Cable
NAL-258 58" Cable

^{*} Special Power Line Interconnector must be used to power system.

24V LED LIGHTBAR ACCESSORIES

LED LIGHTBAR 90+ AND LIGHTBAR PRO 90+



Power Line Interconnector NAL-208 20" Cable NAL-208/72 72" Cable NAL-212 12" w/ Switch



90° Power Line Interconnector NAL-207 20" Cable NAL-207/72 72" Cable



Mini Power Feed Splitter NAL-221 One in and four out



*Flexible Extension Cord NRA-125/6 6" Cable NRA-125/12 12" Cable NRA-125/18 18" Cable NRA-125/72 72" Cable Use with NATL-530HW,560HW to connect to NUSP-Jbox



NRA-6035W/6 6' NRA-6035W/10 10' use with NATL-530HW,560HW



Mini Coupler NAL-220



Dimmable Class II Remote Hardwire Magnetic Driver with Integral Regulator for Constant Current & Voltage NMTD-60/24D* 60W NMTD-96/24D* 96W Includes NALTL-10 · 120/277V input



Hardwire Magnetic Driver with Integral Regulator for Constant Current and Voltage NMT-303/24C2D1*† 3x100W Includes (3) NALTL-10



Hardwired Class II Electronic Driver NATL-530HW* 30W NATL-560HW* 60W Requires NUSP-JBox or NRA-6035



Class II Electronic LED Driver NATL-5060HW* 60W NATL-5100HW* 100W Includes NALTL-10



Plug-In Electronic Driver NATL-524* 24W 24V DC NATL-545* 45W 24V DC NATL-596* 96W 24V DC NATL-302 5" Splitter



Power Line Connector NALTL-10 10'Cable NALTL-30 30' Cable



Low Voltage Splice Box NATL-415W



Junction Box for Hard Wiring **NUSP-JBox**



Dimmer NAL-250

*Requires power line interconnector to power lightbar unless using NAL-230 or NAL-255. Due to unknown ambient temperatures, Nora recommends de-rating drivers by 20%





LEDUR LED UNDER CABINET

120V · EDGE-LIT TECHNOLOGY · 90+ CRI

LEDUR LED Under Cabinet lights utilize edge-lit technology, eliminating the diode image and providing smooth, uniform reflectance of light without the hot spots generated by direct view mounted LEDs. The LEDUR mounts quickly with captives screws and electrical quick connects. Completely dimmable and linkable the LEDUR is available in various lengths and in 2700K, 3000K and 4000K temperatures at 350 lumens per foot and 90+ CRI.

FFATURES:

- No Diode image; Edge-Lit technology
- · 120V Dimmable
- · 350+ Lumens per ft
- 7 Watts per foot at 90+CRI
- · 2700K, 3000K (Warm) and 4000K (Cool) color temps
- · Frosted Lens
- · Built-in On/Off switch
- · White or Bronze finishes
- · Low 1" depth
- · Self-contained driver in each unit
- Can be hardwired with Romex[™] feed
- · Each unit includes Romex™ Connector and End-to-End Connector
- · Easy to mount with captive screws
- · Includes Stab-In Quick Connects for guick
- · Linkable up to 400 Watts
- 3 year limited warranty

Edge-Lit LED Technology

120V Dimmable Integral Driver











LEDUC LED UNDER CABINET LIGHT CATALOG NO. LENGTH WATTAGE COLOR TEMP FINISH 8-3/4" 4.5W NUD-8808(temp)(finish) /27 2700K **BZ** Bronze /30 3000K WH White NUD-8811(temp)(finish) 11-1/4" 6.7W /40 4000K 18-1/4" NUD-8818(temp)(finish) 11W 4000K NUD-8822(temp)(finish) 22-1/4" 12W available in White finish NUD-8832(temp)(finish) 32-3/4" 16W only

Example: NUD-8832/30WH- 32" LEDUR Under Cabinet Light, Warm 3000K, White finish

ACCESSORIES I FDUR



Hardwire Junction Box NUA-802

Not required. Small plastic box. Includes Romex connector and ports for Connectors.



72" Hardwire Connector Cable

NUA-804

72" Cord & Plug NUA-805



Connectors

NUA-803 0" (1 included with each LEDUR)

NUA-806 6"

NUA-812 12"

NUA-824 24"

NUA-872 72"

LED BRAVO AND BRAVO PLUS

120V DIMMABLE INTEGRAL DRIVER

The Bravo produces 250 lumens per foot while the Bravo Plus produces an incredible 500 lumens per foot. An encapsulated LED driver allows for extended long runs. The heavily frosted lens diffuses the LED image and softens the light output. Available in high CRI, 3000K and 4000K temperatures, the dimmable Bravo and Bravo Plus are an excellent specifiable energy efficient solution for commercial and residential linear lighting applications.

FEATURES:

- · 120V Dimmable
- · Self contained driver in each unit
- 3000K (Warm) and 4200K (Cool)
- · 80+ CRI
- · Bronze or White finish
- · Extruded Aluminum body with frosted lens
- · Less than 1" in depth
- · 0° to 90° mounting brackets included
- · Linkable up to 400 Watts
- · 3 year limited warranty









90° Adjustability with included mounting bracket!

BRAVO PLUS LED LINEA	500 Lumens / 8W per foot			
CATALOG NO.	LENGTH	WATTAGE	COLOR TEMP	FINISH
NUD-4812(temp)(finish)	12"	W8	/ 30 3000K	BZ Bronze
NUD-4818(temp)(finish)	18"	12W	/40* 4000K	W White
NUD-4824(temp)(finish)	24"	16W	* 40K only avail in White finish	

Example: NUD-4812/30W- 12" Bravo Plus Linear Light, Warm 3000K, White finish

BRAVO LED LINEAR LIGHT 250 Lumens / 4W per foot							
CATALOG NO.	LENGTH	WATTAGE	COLOR TEMP	FINISH			
NUD-4408(temp)(finish)	8"	2.8W	/30 3000K	BZ Bronze			
NUD-4412(temp)(finish)	12"	4W	/40* 4000K	W White			
NUD-4418(temp)(finish)	18"	6W	* 40K only				
NUD-4424(temp)(finish)	24"	8W	available in				
NUD-4432(temp)(finish)	32"	10W	White finish				

Example: NUD-4412/30W- 12" Bravo Linear Light, Warm 3000K, White finish

ACCESSORIES BRAVO and BRAVO PLUS



Hardwire Junction Box NUA-402 Includes Built-In Switch and Romex® Connector



Connector Cable NUA-404 72" Cord & Plug NUA-405



Connectors NUA-403* 0"

NUA-406 6" NUA-412 12" NUA-424 24"

NUA-472 72"

Adjustable 0°-90°



Mounting Bracket NUA-409 Aluminum NUA-409BZ Bronze NUA-409W White (2) Included with each

^{*1} End to end included with each Bravo



Bravo

LED FLEX LIGHT

12V DC SYSTEM

Nora's new long life, maintenance free lower power consumption Flex Light LED module strings are the perfect solution for back lighting or indirect lighting. The flexible strings can be installed using included double faced tape or screwed into place. The Flex-Light can be positioned to specifications of the job to evenly illuminate panels or architectural details.

FEATURES:

- Up to 129 Lumens output 1.5W per module
- LED module strings allow flexibility
- Single color illumination or color changing RGB
- · 120° beam angle
- · Hardwire and Plug-In drivers
- Dimmable with dimmable power supply

- · No soldering
- LED module strings come at specific On-Center (OC) spacing
- Easy to install with double faced tape or secure using screw holes provided in module
- · 3 year limitted warranty
- · cULus Recognized











LED FLEX LIGHT					
CATALOG NO.	WATTS	LUMENS	0.C.	MAX RUN	COLOR TEMP
NUFLED-105(color)	0.5	39	6"	80pc	27 2700K 30 3000K
NUFLED-110(color)	1.0	105	6"	45pc	42 4200K 50 5000K 65 6500K
NUFLED-115(color)	1.5	129	5-3/8"	34рс	G Green R Red
NUFLED-107RGB	0.72	-	5-3/8"	70рс	RGB Color Changing

Example: NUFLED-115/50 - 12V DC 1.5W LED Flex Light, 129 Lumens, 5000K Module

Standard pack consists of 50 modules. NUFLED series custom-cut is available. Each custom-cut incurs a termination assemble fee.

LED FLEX LIGHT ACCESSORIES

12V DC SYSTEM



12" Power Connector with Switch NAFL-711 B or W



18" Power Connector NAFL-709 B or W



Terminal Block

NDSA-2 Plastic 10A

NDSA-4 Porcelain 10A

NDSA-14 Porcelain 30A



Power Line Connector NAPK-10 10' Cable NAPK-30 30' Cable



Dimmable Class II Hardwire Magnetic Driver with Integral Regulator for Constant Current and Voltage NMTD-40/12D* 40W

NMTD-60/12D* 60W Includes 10' Power Line Connector 120/277V input



Hardwire Magnetic Driver with Integral Regulator for Constant Current and Voltage NMT-244/12C2D1 4 x 60W Includes 10' Power Line Connector



Electronic Class II 60W Hardwire Driver (Non-dim) NAFL-560HW 60W



Hardwired Class II Electronic Driver NAPK-530HW/12* 30W NAPK-560HW/12* 60W Requires NUSP-JBox or NRA-6035



Plug-In Electronic Driver NAPK-524/12 24W



Plug-In Electronic Driver NAPK-550/12 50W



Low Voltage Splice Box NATL-415W



Junction Box for Hard Wiring NUSP-JBox



Flexible Extension Cord
NRA-125/6 6" Cable
NRA-125/12 12" Cable
NRA-125/18 18" Cable
NRA-125/72 72" Cable



Flexible Power Cord NRA-6035W/6 6' NRA-6035W/10 10'



RGB Controller
NARGB-765 12V
Hand Held Remote
Controller
NARGB-716 12V



LIGHTING DESIGN ONLY LIMITED BY YOUR IMAGINATION

LED Tape Light

CHOOSE FROM 7 STYLES:

MOST Available

STANDARD WET OR DAMP LABEL

NEWD STANDARD SIDE-LIT

HY-BRITE

HIGH OUTPUT

RGB COLOR CHANGING

NEW RGBW COLOR CHANGING

NEW! CCT COLOR CHANGING

Nora Lighting offers one of the largest selections of LED tape light in the industry. The selection includes a wide variety of outputs and a large selection of installation accessories for large and small jobs. LED tape's small profile, even light distribution and low cost make it the specifier's and lighting designer's choice for lighting applications from A to Z. The Nora tape families are ideal solutions for:

· Undercabinet · Coves · Toe Kicks

· Back lighting · Furniture · Shelf

· Recessed niche · Display Cabinets · Signs

· Stair rail · Above cabinet · Art work

· Outdoor Living · Highlighting · Outlining

LIGHTING TIP

Many of the Nora series of LED tape are offered in amber or white finish. In general the output is the same and we recommend using the amber on dark surfaces and the white on lighter surfaces if there is a chance the tape will be seen. If using tape in a channel we recommend using white finished tape.

LED TAPE LIGHT CHANNELS NEW!



7 STYLES · ALUMINUM · PLASTIC

Nora introduces six configurations of Aluminum Channels for the LED Tape light. The channels can be used to hold the tape in visible applications or can be used to hide or conceal the tape in other applications. Offered in shallow and deep sizes, with or without wings the channels are field cuttable. The unique "J" shape can be used to conceal tape in an under cabinet, book case or framing application. The "J" can even create an instant cove for accent lighting. Use the deep channel with wings to mount in a cabinet or wall to create visual interest or a small, slim line of usable light. Nora also offers a plastic channel.



4' Aluminum Channel NATL-C23 Shallow Wings



4' Aluminum Channel NATL-C25 Deep Wings



4' Aluminum Channels NATL-C27 J-Style



4' Aluminum Channel NATL-C24 Shallow



4' Aluminum Channel NATL-C26 Deep



4' Aluminum Channel NATL-C28 Corner



4' Aluminum Channel NATHR-680

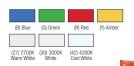


4' Plastic Channel NATL-420 B or W Only for use with NUTP1, 4, & 7



LED TAPE LIGHT STANDARD 12V & 24V WFT LABEL

Nora's very low profile, energy efficient LED tape is only 7/16" wide and 1/16" thick. Designed to cast no shadows, our flexible LED light boasts a desirable seamless glow. Installation is easy as each roll (16 feet) is separable every 12" and can also be cut every 4" (2" on 12V). Our durable tape is available in two styles, Wet label*, IP65 rated silicone encapsulated tape, and Damp label* IP44 non-encapsulated tape.





FEATURES:

- 70 Lumens per foot / 3000K CCT
- 288 LEDs / 24W per roll;18 LEDs / 1.5W per foot
- · Available in 90+ CRI
- · 12V or 24V DC single color
- Available in 7 colors: Blue, Green, Red, Amber, : Cool White (4200K), White (3000K), Warm White (2700K))
- Separable every 12", easily disconnect and connect without soldering

- Field cuttable every 2" on 12V and 4" on 24V
- Maximum run: Electronic Driver (24V) 54'† with 100W driver, (12V) 32'† with 60W driver
- Easy to install with pre-applied 3M[™] tape, clips or channel
- Dimmable with dimmable power supply
- Exceeds Title 24 high efficacy requirements

.(J)... 90+

· 3 year limted warranty

	STANDARD WET* LAB	EL LED TAPE	LIGHT		LISTED	CRI IPES GREEN
	CATALOG NO.	LENGTH	TAPE COLOR	90+ CRI	VOLT	COLOR TEMP
	NUTP1-16LED(color)	16' Roll	Amber	No	24V	B Blue
	NUTP1-LED(color)/12	12" Section	Amber	No	24V	COLOR TEMP B Blue G Green R Red Y Amber 27 2700K 30 3000K 42 4200K
	NUTP1-LED(color)/4	4" Section	Amber	No	24V	
	NUTP4-16LED(color)	16' Roll	Amber	No	12V	
	NUTP4-LED(color)/12	12" Section	Amber	No	12V	42 4200K
	NUTP4-LED(color)/4	4" Section	Amber	No	12V	
	NUTP1-16LED9(color)	16' Roll	White	Yes	24V	
D	NUTP1-LED9(color)/12	12" Section	White	Yes	24V	CDI
	NUTP1-LED9(color)/4	4" Section	White	Yes	24V	
	NUTP1-16LED30PS	16" Roll Kit	Amber	No	24V	3000K
	NUTP4-16LED30PS	16" Roll Kit	Amber	No	12V	3000K

Example: NUTP1-16LEDB - 16' Roll 24V Standard Tape Light, Wet Location Listed, Blue

16' Tape Rolls include sixteen 12" sections. Kit includes plug-in driver. 12" and 4" Tape sections contain male/female ends.

* Important - Consult Spec Sheets at noralighting.com for limitations on Wet Location applications.

NEW

[†] Due to unknown ambient temperatures, Nora recommends de-rating drivers by 20%.

LED TAPE LIGHT STANDARD 24V DAMP I ABEL

Nora's very low profile, energy efficient LED tape is only 7/16" wide and 1/16" thick. Designed to cast no shadows, our flexible LED light boasts a desirable seamless glow. Installation is easy as each roll (16 feet) is separable every 12" and can also be cut every 4". Our durable tape is Damp label* IP44 non-encapsulated tape.





FEATURES:

- · 70 Lumens per foot / 3000K CCT
- · Available in 90+ CRI
- 288 LEDs / 24W per roll; 18 LEDs / 1.5W per foot
- · 24V DC single color
- Available in white or amber background with 3 color outputs: Cool White (4200K), White (3000K), Warm White (2700K)
- Separable every 12", easily disconnect and connect without soldering

- · Field cuttable every 4"
 - Maximum run: Electronic Driver (24V) 54^{'†} with 100W driver
- Easy to install with pre-applied 3MTM tape, clips or channel
- Dimmable with dimmable power supply
- Exceeds Title 24 high efficacy requirements
- · cULus Listed
- · 3 year limited warranty









STANDARD DAMP* LABEL 24V LED TAPE LIGHT

CATALOG NO.	LENGTH	TAPE COLOR	CRI	COLOR TEMP
NUTP7-16LED(color)	16' Roll	Amber	No	27 2700K
NUTP7-LED(color)/12	12" Section	Amber	No	30 3000K 42 4200K
NUTP7-LED(color)/4	4" Section	Amber	No	
NUTP7-W16LED(color)	16' Roll	White	No	
NUTP7-WLED(color)/12	12" Section	White	No	
NUTP7-WLED(color)/4	4" Section	White	No	
NUTP7-W16LED9(color)	16' Roll	White	Yes	
NUTP7-WLED9(color)/12	12" Section	White	Yes	90+ CRI
NUTP7-WLED9(color)/4	4" Section	White	Yes	
NUTP7-16LED30PS	16" Roll Kit	Amber	No	3000K
NUTP7-16WLED30PS	16" Roll Kit	White	No	3000K

Example: NUTP7-WLED27/4 - 24V Standard Tape Light, 4" Section, Damp Location Listed, White Tape, 2700K

16' Tape Rolls include sixteen 12" sections. Kit includes plug-in driver. 12" and 4" Tape sections contain male/female ends.

[†] Due to unknown ambient temperatures, Nora recommends de-rating drivers by 20%.



NEW!

^{*} Important - Consult Spec Sheets at noralighting.com for limitations on Damp Location applications.

STANDARD SIDE-LIT 24V DAMP I ABEL

Nora's new Side-Lit LED tape has the same performance features as the standard damp label tape, but instead of projecting the light at 90 degrees and a 120 degree beam spread the light is projected to the side, parallel to the mounting surface of the tape. For example, when mounted under a cabinet in a horizontal position, the light projects sideways toward the back splash with minimal LED image on the counter top. This very low profile, energy efficient LED tape is only 7/16" wide and 1/16" thick. Designed to cast no shadows, our flexible LED light boasts a desirable seamless glow. Installation is easy as each roll (16 feet) is separable every 12" and can also be cut every 4". Our durable tape is Damp* label listed IP44.

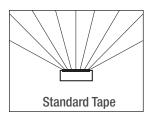


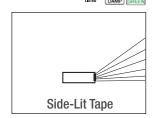


FEATURES:

- · 70 Lumens per foot / 3000K CCT
- 288 LEDs / 24W per roll; 18 LEDs / 1.5W per foot
- · 24V DC single color illumination
- Available in amber background with 2 color outputs:
 Warm White (3000K), Warm White (2700K)
- Separable every 12", easily disconnect and connect without soldering

- · Field cuttable every 4"
- Maximum run:
 Electronic Driver 64' with
 100W driver
- Easy to install with pre-applied 3M[™] tape, clips or channel
- Dimmable with dimmable power supply
- Exceeds Title 24 high efficacy requirements
- · 3 year limited warranty





SIDE-LIT DAMP* LABEL 24V LED TAPE LIGHT

CATALOG NO.	LENGTH	TAPE COLOR	COLOR TEMP
NUTP9-16LED(color) NUTP9-LED(color)/12 NUTP9-LED(color)/4	16' Roll 12" Section 4" Section	Amber	27 2700K 30 3000K

Example: NUTP9-16LED30 - 24V Side-Lit Tape Light, 16' Roll, Damp Location Listed,

16' Tape Rolls include sixteen 12" sections.

^{*} Important - Consult Spec Sheets at noralighting.com for limitations on Damp Location applications.

[†] Due to unknown ambient temperatures. Nora recommends de-rating drivers by 20%.





12V & 24V LED TAPE LIGHT STANDARD & SIDE-LIT ACCESSORIES



Shrink Wrap Tubes NATL-400 Pack of 5



Mounting Clips
NATL-401 Pack of 5



4' Channel NATL-420 Plastic B/W



4' Aluminum Channel w/Lens NATL-C23 Shallow Wings NATL-C24 Shallow



4' Aluminum Channel w/Lens NATL-C25 Deep Wings NATL-C26 Deep



4' Aluminum Channels NATL-C27 J-Style NATL-C28 Corner w/Lens



End Cap NATL-403 12V / 24V



Power Line Interconnector NATL-509 24V, 9" NATL-515 12V. 9"



Power Line Interconnector with Switch NATL-511 24V, 11" NATL-517 12V, 11"



12V / 24V Interconnection Cables NATL-202 2" Cable NATL-206 6" Cable NATL-218 18" Cable NATL-236 36" Cable NATL-272 72" Cable



12V / 24V Splitter Cable NATL-300 "Y" Cable



12V / 24V Splitter Cable NATL-301 "X" Cable



Power Line Connector
NAPK-10 12V, 10'
NAPK-30 12V, 30'
NALTL-10 24V, 10'
NALTL-30 24V, 30'
NALTL-302 24V 5" Splitter



Flexible Extension Cord
NRA-125/6 6" Cable
NRA-125/12 12" Cable
NRA-125/18 18" Cable
NRA-125/72 72" Cable
Use with NATL-530HW,560HW

to connect to NUSP-Jbox



Flexible Power Cord NRA-6035W/6 6' NRA-6035W/10 10'

12V & 24V LED TAPE LIGHT STANDARD & SIDE-LIT ACCESSORIES



Junction Box for Hard Wiring NUSP-JBox



Low Voltage Splice Box NATL-415W



Plug-In Electronic Driver
NAPK-524/12 12W 24V DC
NATL-524 24W 24V DC
NATL-545 45W 24V DC
Requires power line
interconnector



Class II Electronic LED Driver NATL-550/12 12V 50W NATL-596 24V 96W



Class II Electronic LED Driver (Non Dimmable) NATL-5060HW 24V 60W NATL-5100HW 24V 100W Includes hardwire box and NALTL-10 power line connector



Hardwired Class II Electronic Driver NAPK-530HW/12 12V 30W NAPK-560HW/12 12V 30W NATL-530HW 24V 30W NATL-560HW 24V 60W Requires NUSP-JBox or NRA-6035 and power line interconnector



24V Dimmable Class II Remote Hardwire Magnetic Driver with Integral Regulator for Constant Current and Voltage 120/277V input

NMT-303/24C2D1 3x100W NMTD-60/24D 60W NMTD-96/24D 96W Includes NALTL-10 Power Line Connector



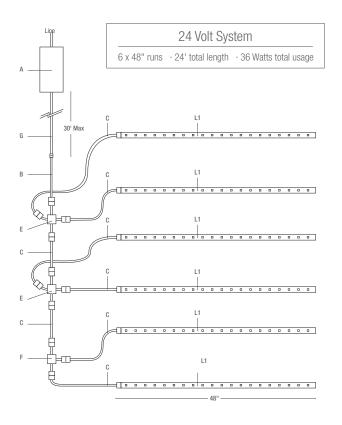
12V Dimmable Class II Hardwire Magnetic Driver with Integral Regulator for Constant Current and Voltage NMT-244/12C2D1 4x60W NMTD-40/12D 40W NMTD-60/12D 60W Includes NAPK-10 Power Line Connector



In-Line Dimmer NATL-518 212V & 24V 60W Max (12V) 120W Max (24V)

Due to unknown ambient temperatures, Nora recommends de-rating drivers by 20%.

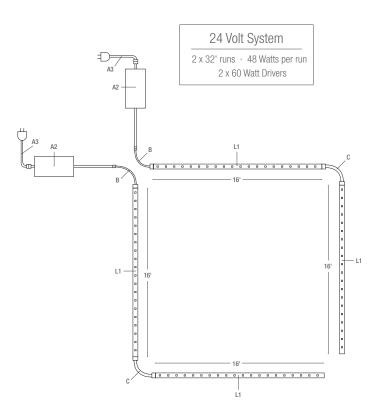
12V & 24V LED TAPE LIGHT STANDARD & 24V SIDE-LIT SAMPLE LAYOUT



	DESCRIPTION	ITEM #		
A1	24V 60W Dimmable Magnetic Power Supply - Hardwire	NMTD-60/24D		
В	9" Power Line Interconnector (one included with each Tape Light roll)	NATL-509		
С	2" Interconnection Cable 6" Interconnection Cable 18" Interconnection Cable 36" Interconnection Cable 72" Interconnection Cable	NATL-202 NATL-206 NATL-218 NATL-236 NATL-272		
Е	"X" Splitter Cable (1 in and 3 out)	NATL-301		
F	"Y" Splitter Cable (1 in and 2 out)	NATL-300		
G	30' Power Line Connector	NALTL-30		
L1	48" LED Tape Light Segment (Each NUTP(1, 7 or 9)-16LED Roll contains (16) 12" detachable sections)	(1) NUTP(1, 7 or 9)-16LED(color) and (8) NUTP(1, 7 or 9)-LED(color)/12		

*Note: All drivers require power line interconnector to connect to tape.

12V & 24V LED TAPE LIGHT STANDARD & 24V SIDE-LIT SAMPLE LAYOUT



	DESCRIPTION	ITFM #
	DESCRIPTION	II EIVI #
A2	24V 60W Class II Hardwire LED Driver	NATL-560HW
А3	Flexible 6' Power Cord	NRA-6035W/6
В	9" Power Line Interconnector (one included with each Tape Light roll)	NATL-509
С	2" Interconnection Cable 6" Interconnection Cable 18" Interconnection Cable 36" Interconnection Cable 72" Interconnection Cable	NATL-202 NATL-206 NATL-218 NATL-236 NATL-272
L1	16' LED Tape Light Roll (Disconnect every 12" or can be cut every 4", contains (16) 12" segments)	(4) NUTP (1, 7 or 9) -16LED(color)

*Important - Consult spec sheets at www.noralighting.com for limitations on Wet and Damp location applications.



LED TAPE LIGHT 24V HY-BRITE 200 LUMFNS PFR FOOT

Nora's very low profile, energy efficient LED tape is only 9/16" wide and 1/16" thick. The Hy-Brite's output falls between the Standard and High Output tapes making it a popular choice. Designed to cast no shadows, our flexible LED light boasts a desirable seamless glow. Installation is easy as each roll (16 feet) is separable every 12" and can also be cut every 4". Our durable tape is Damp label* IP44 non-encapsulated tape.



FFATURES:

- · 200+ Lumens per foot
- · Available in 90+ CRI
- · 44W per roll 2.7W per foot
- · 24V DC System
- Available in Amber or White finished tape
- Single color illumination
- · 120° Beam Angle
- No soldering or additional wiring required
- Separable every 12" easily disconnected and connected without soldering

- · Field cuttable every 4" or 6 LEDs
- · Single Maximum Run Length: 16'+ with magnetic dimmable drivers and 3214 with electronic drivers
- · Dimmable with dimable power supply
- · Easy to install with pre-applied 3M[™] tape or clips
- · Title 24 Compliant
- · cULus Listed and IP44 Rated for Damp* location
- · 3 year limited warranty









HY-BRITE DAMP* LABEL 24V LED TAPE LIGHT

	CATALOG NO.	LENGTH	TAPE COLOR	90+ CRI	COLOR TEMP
	NUTP5-16LED(color)	16' Roll	Amber	No	27 2700K
	NUTP5-LED(color)/12	12" Section	Amber	No	30 3000K 42 4200K
	NUTP5-LED(color)/4	4" Section	Amber	No	
	NUTP5-W16LED(color)	16' Roll	White	No	
	NUTP5-WLED(color)/12	12" Section	White	No	
	NUTP5-WLED(color)/4	4" Section	White	No	
	NUTP5-W16LED9(color)	16' Roll	White	Yes	
•	NUTP5-WLED9(color)/12	12" Section	White	Yes	90+ CRI
	NUTP5-WLED9(color)/4	4" Section	White	Yes	

Example: NUTP5-LED42/4 - 24V Hy-Brite LED Tape Light, 4" Section, Damp Location Listed, 4200K

[†] Due to unknown ambient temperatures, Nora recommends de-rating drivers by 20%.



NEW

^{*} Important - Consult Spec Sheets at noralighting.com for limitations on Damp Location applications.

LED TAPE LIGHT 24V HIGH OUTPUT 350 LUMFNS PER FOOT

High Output LED Tape Light has five times the light output of our standard tape, consumes only 4.2W per foot, and is a perfect solution for your LED linear lighting needs. Very low profile High Output LED Tape is great for use in cove lighting, architectural enhancements, under cabinet or many more discreet locations. This flexible LED light source is cULus Listed for Damp* Location applications and IP44 rated.



FEATURES:

- · 350 Lumens per foot
- · Available in 90+ CRI
- 180 LEDs / 42W per roll -18 LEDs / 4.2W per ft.
- · 24V DC System
- 7 available colors: Blue, Green, Red, Amber, : Cool White (4200K), White (3000K), Warm White (2700K)
- Available in Amber or White finished tape
- · 120° Beam Angle

NEW

- No soldering or additional wiring required
- Separable every 12" disconnect and connect without soldering
- · Field cuttable every 4" or 6 LEDs
- · 10' single run maximum
- Dimmable Remote Hardwire Drivers, up to 300W
- Easy to install with pre-applied $3M^{\text{\tiny TM}}$ tape or clips
- · Title 24 Compliant
- cULus Listed and IP44 Rated for Damp* location
- · 3 year limited warranty









HIGH OUTPUT DAMP* LABEL 24V LED TAPE LIGHT

CATALOG NO.	LENGTH	TAPE COLOR	90+ CRI	COLOR TEMP
NUTP8-10LED(color)	10' Roll	Amber	No	B Blue
NUTP8-LED(color)/12	12" Section	Amber	No	G Green R Red
NUTP8-LED(color)/4	4" Section	Amber	No	Y Amber 27 2700K ¹
NUTP8-W10LED(color)	10' Roll	White**	No	30 3000K
NUTP8-WLED(color)/12	12" Section	White**	No	42 4200K
NUTP8-WLED(color)/4	4" Section	White**	No	
NUTP8-W10LED9(color)	10' Roll	White**	Yes	
NUTP8-WLED9(color)/12	12" Section	White**	Yes	90+ CRI
NUTP8-WLED9(color)/4	4" Section	White**	Yes	

Example: NUTP8-LED42/4 - 24V High Output LED Tape Light, 4" Section, Damp Location Listed, 4200K

10' Tape Rolls include ten 12" sections. 12" and 4" Tape sections contain male/female ends.

- * Important Consult Spec Sheets at noralighting.com for limitations on Damp Location applications.
- $^{\scriptscriptstyle \dagger}$ Due to unknown ambient temperatures, Nora recommends de-rating $\,$ drivers by 20%.
- ** White tape only available in 3000K and 4200K colors.

 1 27K Only available in White color 90+ CRI



24V LED TAPE LIGHT **HY-BRITE & HIGH OUTPUT** ACCESSORIES



Mounting Clips NATHR-685 Pack of 15



4' Aluminum Channel NATHR-680



24V End Cap NATL-403



4' Aluminum Channel w/Lens NATL-C23 Shallow Wings NATL-C24 Shallow



4' Aluminum Channel w/Lens NATL-C25 Deep Wings NATL-C26 Deep



4' Aluminum Channels NATL-C27 J-Style NATL-C28 Corner w/Lens



Interconnection Cables NAHO-202 2" Cable NAHO-206 6" Cable NAHO-218 18" Cable NAH0-236 36" Cable



Power Line Interconnector NAHO-609 9" Cable

Power Line Interconnector

with Switch



In-Line Dimmer NATL-518 24V 120W Max (24V)





Power Line Connector NALTL-10 10' Cable NALTL-30 30' Cable



Flexible Extension Cord NRA-125/6 6" Cable NRA-125/12 12" Cable NRA-125/18 18" Cable NRA-125/72 72" Cable Use with NATL-530HW,560HW to connect to NUSP-Jbox







Low Voltage Splice Box NATL-415W



Flexible Power Cord NRA-6035W/6 6' NRA-6035W/10 10'



Junction Box for Hard Wiring **NUSP-JBox**

24V LED TAPE LIGHT HY-BRITE & HIGH OUTPUT DRIVERS



Hardwired Class II Electronic Driver NATL-530HW 30W NATL-560HW 60W Requires NUSP-JBox or NRA-6035 and power line interconnector



Plug-In Electronic Driver NATL-524 24W NATL-545 45W Requires NUSP-JBox or NRA-6035



Class II Electronic LED Driver NATL-596 24V 96W



Class II Electronic LED Driver (Non Dimmable) NATL-5060HW 24V 60W NATL-5100HW 24V 100W Includes NALTL-10 power line connector



Dimmable Class II Remote Hardwire Magnetic Driver with Integral Regulator for Constant Current and Voltage 120/277V Input



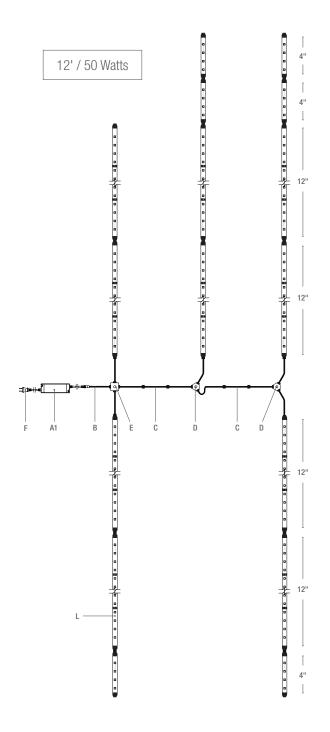


Dimmable Class II Hardwire Magnetic Driver with Integral Regulator for Constant Current and Voltage NMT-303/24C2D1 3x100W Includes (3) NALTL-10 Power Line Connectors

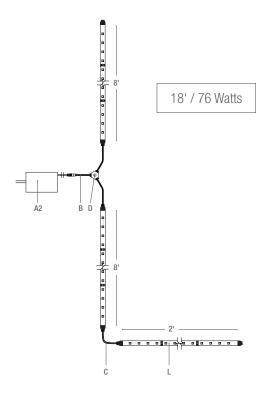
Due to unknown ambient temperatures, Nora recommends de-rating drivers by 20%.



24V LED TAPE LIGHT HY-BRITE & HIGH OUTPUT SAMPLE LAYOUT



24V LED TAPE LIGHT HY-BRITE & HIGH OUTPUT SAMPLE LAYOUT



	DESCRIPTION	ITEM #
A1	60W Class II Hardwire LED Driver	NATL-560HW
A2	96W Dimmable Class II Power Supply	NMTD-96/24D
В	12" Power Line Interconnector (one included with each Tape Light roll)	NAHO-609
С	2" Interconnection Cable 6" Interconnection Cable 18" Interconnection Cable 36" Interconnection Cable 72" Interconnection Cable	NAHO-602 NAHO-606 NAHO-618 NAHO-636 NAHO-672
D	"Y" Splitter Cable	NAHO-600
Ε	"X" Splitter Cable	NAH0-601
F	Flexible 6' Power Cord	NRA-6035W/6
L	4" High Output LED Tape Light 12" High Output LED Tape Light 16' High Output LED Tape Light	NUTP5-LED(color)/4 NUTP5-LED(color)/12 NUTP5-16LED(color)

*Important - Consult spec sheets at www.noralighting.com for limitations on Wet and Damp location applications.









12V & 24V LED TAPE LIGHT RGB COLOR CHANGING WET LABEL

RGB LED Tape Light has the colors Red, Green, and Blue in every LED diode. Several colors of visual spectrum can be selected and programmed with a 120° viewing angle. A stationary color, automatic changing colors and brightness can be selected and changed at anytime with the press of a button. Very low profile RGB LED Tape Light is a great use in show exhibition lighting, architectural enhancements, bars, theaters, store fronts, or anywhere you need a punch of color. Controller needed to operate color variations. This flexible LED light source is a durable silicone encapsulated tape, cULus Listed for Wet* Locations applications and IP65 rated.



FEATURES:

- Available in 12V or 24V
- · Separable every 12" easily disconnected and connected without soldering
- · Field cuttable every 3" using 12V and 6" using 24V
- Shrink wrap tube at each breakaway
- 40W per roll 2.5W per foot
- · Red. Green, and Blue colors
- Several colors or automated changing of visual spectrum can be selected and programmed

- Synchronizable
- · 3 changeable brightness levels with hand held remote
- · 192 LEDs per roll 12 LEDs per foot
- · 120° Beam Angle
- Pre-applied 3M™ Tape for mounting
- · No UV light or infrared wavelenaths
- · 3 year limited warranty







RGB COLOR CHANGING WET* LABEL 12V + 24V LED TAPE LIGHT

CATALOG NO.	LENGTH	VOLT	TAPE COLOR	COLOR TEMP	
NUTP3-16LEDRGB	16' Roll	24V	Amber	Color Changing RGB - Up to 16 colors	
NUTP3-LEDRGB/12	12" Section	24V	Amber		
NUTP3-LEDRGB/6	6" Section	24V	Amber		
NUTP6-16LEDRGB	16' Roll	12V	Amber		
NUTP6-LEDRGB/12	12" Section	12V	Amber		
NUTP6-LEDRGB/6	6" Section	12V	Amber		

Example: NUTP3-16LEDRGB - 24V RGB LED Tape Light Roll

16' Tape Rolls include sixteen 12" sections. 12" and 6" Tape sections contain male/female ends. *Important - Consult Spec Sheets at www.noralighting.com for limitations on wet location applications.

[†] Due to unknown ambient temperatures, Nora recommends de-rating drivers by 20%.







LIGHTING TIP

Not sure if you want or need 27K, 30K or 42K? Whether you are a professional designer trying to decide for a client or a home owner unsure of the color scheme or how different kelvin temperatures will work with your application, the decision is difficult. With Nora's new CCT changing tape you do not need to decide until the tape is installed. You can choose any kelvin temperature from 25K to 45K and have the ability to change it at any time. Problem solved.

24V LED TAPE LIGHT CCT COLOR TUNING DAMP LABEL

Nora introduces a new idea in tape light. The CCT tape by Nora allows the end user to select from a 2500K to 4500K temperature with a handheld control. Different applications require different Kelvin temperatures to enhance various color spectrums. Use 2500K for a warm red enhancing application and 4500K for a blue/green enhancing application. The RF controller is operated with a hand-held remote that lets the end user select the temperature and intensity as the application or mood changes as well as having the option to set optional automatic changing modes.



FEATURES:

- Separable every 12" easily disconnected and connected without soldering
- · Field cuttable every 4"
- Shrink wrap tube at each breakaway
- · 36W per 16' roll 2.5W per foot
- Change Kelvin temperature from 2500K to 4500K with hand-held remote
- · Synchronizable
- 192 LEDs per roll 12 LEDs per foot
- · 120° Beam Angle
- Easy to install with pre-applied 3M[™] adhesive tape, clips or aluminum channel
- Changeable brightness levels with hand-held remote
- · 3 year limited warranty

CCT COLOR TUNING DAMP LAREL 24V LED TAPE LIGHT

OUT OULDIN TOWNING DAMIT LADLE 24V LLD TALL LIGHT					
CATALOG NO.	LENGTH	VOLT	TAPE COLOR	COLOR TEMP	
NUTP10-W16CCT	16' Roll	24V	White	Color Tuning 2500K - 4500K	
NUTP10-WCCT/12	12" Section	24V	White		
NUTP10-WCCT/4	4" Section	24V	White		

Example: NUTP10-W16CCT - 24V CCT LED Tape Light Roll

^{16&#}x27; Tape Rolls include sixteen 12" sections. 12" and 6" Tape sections contain male/female ends.

*Important - Consult Spec Sheets at www.noralighting.com for limitations on damp location applications.

[†] Due to unknown ambient temperatures, Nora recommends de-rating drivers by 20%.

12V & 24V RGB LED TAPE LIGHT & 24V CCT TAPE LIGHT ACCESSORIES



Shrink Wrap Tubes NATL-400 Pack of 5



Mounting Clips NATHR-401 Pack of 15



4' Aluminum Channel NATHR-680



4' Aluminum Channel w/Lens NATL-C23 Shallow Wings NATL-C24 Shallow



4' Aluminum Channel w/Lens NATL-C25 Deep Wings NATL-C26 Deep



4' Aluminum Channels NATL-C27 J-Style NATL-C28 Corner w/Lens



In-Line Dimmer NATL-518 212V & 24V 60W Max (12V) 120W Max (24V)



12V / 24V End Cap NATL-403





Interconnector NARGB-710 12" Cable



Cables NARGB-702 2" Cable NARGB-706 6" Cable NARGB-718 18" Cable NARGB-736 36" Cable

NARGB-772 72" Cable



12V / 24V Splitter Cables NARGB-300 "Y" Cable NARGB-301 "X" Cable



Power Line Connector NAPK-10 12V, 10' NAPK-30 12V, 30' NALTL-10 24V. 10' NALTL-30 24V, 30' NEWD NATL-302 24V 5" Splitter



Flexible Extension Cord NRA-125/6 6" Cable NRA-125/12 12" Cable NRA-125/18 18" Cable NRA-125/72 72" Cable Use with NATL-530HW,560HW to connect to NUSP-Jbox



Low Voltage Splice Box NATL-415W



Junction Box for Hard Wiring NUSP-JBox



Flexible Power Cord NRA-6035W/6 NRA-6035W/10 10' use with NATL-530HW,560HW

12V & 24V RGB LED TAPE LIGHT & 24V CCT TAPE LIGHT ACCESSORIES



RGB 2.4G RF Controller NARGB-860 Controller NARGB-861 Remote-90' 12V or 24V, 7 state colors or 15 changing modes. Synchronize up to 4 controllers.



RGB Wall Controller NARGB-866 12V - 144W or 24V - 288W max 7state colors or 4 changing modes.



CCT Color Tuning (25K-45K) Controller NACCT-865 Controller NACCT-867 Remote Both controller and remote are required.



Hand Held Remote NARGB-761 for use with NARGB-760 and NARGB-765



RGB Controller NARGB-760 24V NARGB-765 12V



Controller Power Line Connector NATL-511 24V, 11" NATL-517 12V, 11"



Class II Electronic LED Driver NATL-550/12 12V 50W NATL-596 24V 96W



 Plug-In Electronic Driver
 Class

 NAPK-524/12 12W 24V DC
 Driver

 NATL-524 24W 24V DC
 NATL

 NATL-545 45W 24V DC
 NATL

 Requires NUSP-JBox or
 Include and NV



Class II Electronic LED Driver NATL-5060HW 24V 60W NATL-5100HW 24V 100W Includes hardwire box and NALTL-10 power line connector



Hardwired Class II Electronic Driver NAPK-530HW/12 12V 30W NAPK-560HW/12 12V 60W NATL-530HW 24V 30W NATL-560HW 24V 60W Requires NUSP-JBox or NRA-6035



12V Class II Hardwire Magnetic Driver NMT-244/12C2D1 4x60W NMTD-40/12D* 40W NMTD-60/12D* 60W Includes NALTL-10 Power Line Connector



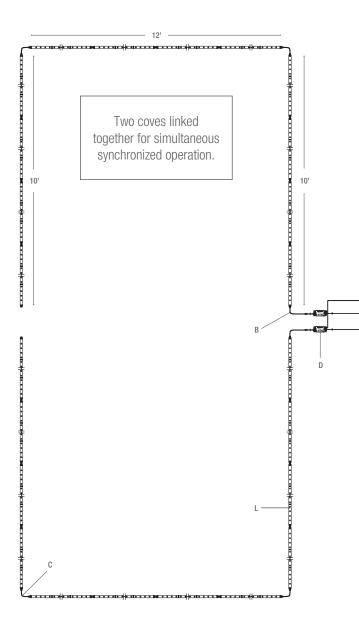
24V Class II Hardwire Magnetic Driver NMT-303/24DC2D1 3X100W NMTD-60/24D* 60W NMTD-96/24D* 96W Includes NALTL-10 Power Line Connector

Due to unknown ambient temperatures, Nora recommends de-rating drivers by 20%.



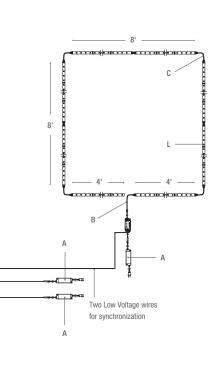
^{* 120/277}V Input

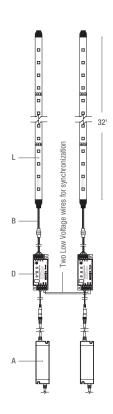
24V LED TAPE LIGHT RGB & CCT SAMPLE LAYOUT



*Important - Consult spec sheets at www.noralighting.com for limitations on Wet and Damp location applications.

24V LED TAPE LIGHT RGB & CCT SAMPLE LAYOUT





	DESCRIPTION	ITEM #
Α	24V 100W Class II LED Driver	NATL-5100
В	12" Power Line Interconnector (one included with each Tape Light roll)	NARGB-710
С	2" Interconnection Cable 6" Interconnection Cable 18" Interconnection Cable 36" Interconnection Cable 72" Interconnection Cable	NARGB-702 NARGB-706 NARGB-718 NARGB-736 NARGB-772
D	RGB Controller	NARGB-760
L	RGB LED Tape Light Roll (Disconnect every 12" or can be cut every 6", contains (16) 12" segments)	NUTP3-16LEDRGB





LIGHTING TIP

Have fun with Nora's new RGBW tape. Use the beautiful 30K setting for everyday use under cabinets and in coves, then at party time or special events instantly change the tape to a specific color or one of the many auto changing schemes.

24V LED TAPE LIGHT RGBW COLOR CHANGING DAMP LABEL

Nora's RGBW tape takes the existing RGB (Red, Green, Blue) tape and adds a separate 30K diode for quality usable white light. The RGBW tape consumes 5 watts per foot with a bright 2.5 watts dedicated to the 30K chip and 2.5 watts dedicated to the RGB chip. The RGBW offers the flexibility to create pastel colors using the RGB at the same time as the white, as well as producing a high quality white light when needed, and the ability to change to RGB and color changing when the mode or application changes. The 4-wire system has a dedicated RF controller allowing flexibility during installation and a hand-held control with multiple functions.





FEATURES:

- Color changing tape with seperate 30K diode
- Select range of colors including 30K white
- Separable every 12" easily disconnected and connected without soldering
- · Field cuttable every 6"
- Shrink wrap tube at each breakaway
- · 5W per foot
- · 24V, 5-wire system

- Several colors or automated changing of visual spectrum can be selected and programmed
- 3 changeable brightness levels with hand held remote
- · Maximum run length 10'
- Easy to install with pre-applied 3M[™] adhesive tape, clips or aluminum channel
- No UV light or infrared wavelengths
- · 3 year limited warranty



CCT COLOR TUNING DAMP LABEL 24V LED TAPE LIGHT

CATALOG NO.	LENGTH	VOLT	TAPE COLOR	COLOR TEMP
NUTP11-W10RGBW	10' Roll	24V	White	Color Changing RGB with separate 30K diode
NUTP11-WRGBW/12	12" Section	24V	White	
NUTP11-WRGBW/6	6" Section	24V	White	

Example: NUTP11-W10RGBW - 24V RGBW LED Tape Light Roll

10' Tape Rolls include ten 12" sections. 12" and 6" Tape sections contain male/female ends.



24V LED TAPE LIGHT RGBW COLOR CHANGE ACCESSORIES



Shrink Wrap Tubes NATL-400 Pack of 5



Mounting Clips
NATHR-401 Pack of 15



4' Aluminum Channel NATHR-680



4' Aluminum Channels NATL-C23 Shallow Wings NATL-C24 Shallow



4' Aluminum Channels NATL-C25 Deep Wings NATL-C26 Deep



4' Aluminum Channels NATL-C27 J-Style NATL-C28 Corner



End Cap NATL-403



24V Power Line Interconnector NARGBW-910 12"



24V Interconnection Cables NARGBW-902 2" Cable NARGBW-906 6" Cable NARGBW-918 18" Cable NARGBW-936 36" Cable NARGBW-972 72" Cable



24V Splitter Cables
NARGBW-900 "Y"
NARGBW-901 "X"



Power Line Connector

NALTL-10 24V, 10'

NALTL-30 24V, 30'

NATL-302 24V 5" Splitter



Flexible Extension Cord NRA-125/6 6" Cable NRA-125/12 12" Cable NRA-125/18 18" Cable NRA-125/72 72" Cable Use with NATL-530HW,560HW to connect to NUSP-Jbox



Low Voltage Splice Box NATL-415W



Junction Box for Hard Wiring NUSP-JBox



Flexible Power Cord NRA-6035W/6 6' NRA-6035W/10 10' use with NATL-530HW,560HW

24V LED TAPE LIGHT RGBW COLOR CHANGE ACCESSORIES



RGBW RF Controller NARGBW-965 for use with remote NARGBW-967



RGBW RF Remote NARGB-967 90' max distance from controller



Controller Power Line Connector NARGBW-962 10' NARGBW-963 30'



Class II Electronic LED Driver NATL-596 24V 96W



 Plug-In Electronic Driver
 Class

 NAPK-524/12 12W 24V DC
 Driver

 NATL-524 24W 24V DC
 NATL

 NATL-545 45W 24V DC
 NATL

 Requires NUSP-JBox or
 Include and N/



Class II Electronic LED Driver NATL-5060HW 24V 60W NATL-5100HW 24V 100W Includes hardwire box and NALTL-10 power line connector



Hardwired Class II Electronic Driver NATL-530HW 24V 30W NATL-560HW 24V 60W Requires NUSP-JBox or NRA-6035



24V Class II Hardwire Magnetic Driver NMT-303/24DC2D1 3X100W NMTD-60/24D* 60W NMTD-96/24D* 96W Includes NALTL-10 Power Line Connector * 120/277V Input



In-Line Dimmer NATL-518 212V & 24V 60W Max (12V) 120W Max (24V)

ULTRA SLIM T5 FLUORESCENT

T5 Fluorescent slim, low profile under cabinet lighting fixtures ranging in length from 13-1/2" (34cm) to 47" (119cm) and 8 to 28 watts. Ideal for narrow spaces where bright even illumination is require

Ultra Slim T5 Fluorescent

NULS-8	13-1/2"	8W
NULS-13	22-1/2"	13W
NULS-18	25-1/8"	18W
NULS-21	35-1/2"	21W
NULS-24	37-1/4"	24W
NULS-28	47"	28W

Features: Ultra slim (7/8" width) profile,

On/Off Switch, Mounting hardware included (NRA-127)

End of life protectionVarious mounting options.

Lamp: Cool White T5 4100K (included)

Dimensions: Width: 7/8" Dept: 1-11/16"

Length: 13-1/2 " - 47"

CULus Listed

Shown actual size!





ULTRA SLIM T5 FLUORESCENT ACCESSORIES



Flexible Connector
NRA-125/6 6"
NRA-125/12 12"
NRA-125/18 18"
NRA-125/72 72"



Straight Connector
NRA-125 13/16"
(1) straight connector
included with each fixture



Right Angle Connector NRA-143W



J-Box for Hard Wiring NUSP-JBox



Mounting Clips NRA-6047



Mounding Hardware
NRA-127
Package included with
each fixture

MINI INCH FLUORESCENT

T5 Fluorescent under cabinet lighting fixtures ranging in lengths from 12" (32cm) to 42" (108cm) and 8 to 26 watts. Only 1" deep.

Mini Inch Fluorescent

NU-12L	12-1/4"	8W	
NU-21L	21-1/4"	13W	
NU-24L	24-1/2"	(2) 8W	
NU-32L	33-1/2"	8W & 13W	
NU-42L	42-1/2"	(2) 13W	



Features: Solid state FCC 18A compliant,

Solid state Electronic ballast, Flicker-free

Lamp: Cool White T5 4100K (included) Finish: Natural Metal (N), White (W)

Width: 5" Height: 1" Length: 12-1/4 " - 42-1/2" Dimensions:

Listing: cULus Listed and Energy Star Rated



NHR-01



Replacement Lenses NUL-12 for NU-12 NUL-21 for NU-21

NUL-24 for NU-24 NUL-32 for NU-32 NUL-42 for NU-42 Grounded Convenience Outlet NU0-01 15A

NUO-01 Rocker Switch NUR-01

1-3/4" FLUORESCENT

The 1-3/4 inch linear series has a low 1-3/4" profile and comes in five different lengths. cULus listed for general use, this unit is ideal for closets, workshops, pantries and under cabinet applications.

1-3/4" Fluorescent

NU-1312EL	12-1/4"	13W T8
NU-1518EL	18"	15W T8/T12
NU-2024EL	24"	17W T8 / 20W T12
NU-3036EL	36"	25W T8 / 30W T12
NU-4048EL	48"	32W T8 / 40W T12

Features: Electronic rapid start 120V ballast Lamp: T8 or T12 (not included)

Dimensions: Width: 5" Height: 1-3/4" Length: 12-1/4 " - 48"

cULus Listed Listing:





Replacement Lenses NUL-1312 for NU-1312EL

NUL-1518 for NU-1518EL NUL-2024 for NU-2024EL

NUL-3036 for NU-3036EL NUL-4048 for NU-4048EL Grounded Convenience Outlet NU0-01 15A

Rocker Switch NUR-01





12V LED PUCK LIGHT

ACCENT, UNDER CABINET, LINEAR, COVE LIGHTING

Nora Lighting's slim LED Puck Light system is ideal for accent, under cabinet, in cabinet, display cases, niche, furniture, jewelry cases, and other applications with limited space. These low-profile fixtures can be linked together to provide excellent and even illumination on all surfaces. The Nora LED Puck Light is one of the most energy efficient products in the market. Combined with ultra low-profile housing, Nora's LED Puck offers unique features and a great ease of installation. LED technology eliminates forward heat from the fixture, also no UV or infrared rays to harm artwork, retail displays or heat sensitive foods.



FEATURES:

- · Title 24 Compliant, energy efficient
- · LEDs produce 70 lumens per watt (210 Lumens and 4.2 Watts per each unit)
- · Available in single units or a three-puck kit
- · Ten pucks can be daisy-chained on a single run
- 90' Maximum Distance
- · Available in 3000K Warm White and 4200K Cool White
- · Well suited for very small spaces: 1/2" deep with 2-3/4" diameter
- · Easy installation using one screw
- · 3", 6", 12", and 24" interconnectors included with each puck (can be linked together)
- · New Series of Dimmable Remote Hardwire Drivers, up to 300 Watts
- · 30,000 hours of rated lamp life
- · Surface mount with recessed housing accessory
- · RoHS compliant
- · cULus listed for dry locations
- · 3 year limited warranty







12V LED P	UCK LIGHT				
CATALOG NO.	NO. OF LEDS	SOURCE	WATTAGE	COLOR TEMP	FINISH
NMPK1 Puck Light	3 3 LEDs	LED LED	4.2 W	30 3000K 42 4200K	BZ Bronze C Chrome W White
NMPK2 (3) Puck Light Kit	3 3 LEDs (each puck)	LED LED	4.2 W each	30 3000K	BZ Bronze C Chrome W White

Example: NMPK1-3LED30BZ - One LED Puck Light, 3 LEDs, 3000K, Bronze finish



12V LED PUCK LIGHT ACCESSORIES

ACCENT, UNDER CABINET, LINEAR, COVE LIGHTING



Recessed Housing NMPKA-REC(finish) BZ, C, W



Splitter NAPK-701 B, W

Mini Coupler NAPK-713 B,W



Interconnection Cables
NAPK-702 2" Cable
NAPK-703 3" Cable
NAPK-706 6" Cable
NAPK-712 12" Cable
NAPK-724 24" Cable
NAPK-736 36" Cable



18" Power Line Interconnector NAPK-109 B, W



12" Power Line Interconnector w/Switch NAPK-711 B, W



NAPK-748 48" Cable

Low Voltage Splice Box NATL-415W



12V Dimmable Class II Hardwire Magnetic Driver 120/277V Input

NMTD-40/12D 40W NMTD-60/12D 60W Includes NAPK-10 Power Line Connector



12V Dimmable Class II Hardwire Magnetic Driver NMT-244/12C2D1 4x60W Includes (4) NAPK-10 Power Line Connectors



Hardwired Class II Electronic Driver NAPK-530HW/12 12V 30W NAPK-560HW/12 12V 30W Requires NUSP-JBox or NRA-6035



Power Line Connector NAPK-10 10' Cable NAPK-30 30' Cable



Class II Electronic LED Driver NAPK-550/12 50W



Plug-In Electronic Driver NAPK-524/12 24W Requires NUSP-JBox or NRA-6035



Junction Box for Hard Wiring NUSP-JBox



Flexible Extension Cord
NRA-125/6 6" Cable
NRA-125/12 12" Cable
NRA-125/18 18" Cable
NRA-125/72 72" Cable



Flexible Power Cord NRA-6035W/6 6' NRA-6035W/10 10'

MINI PUCK LIGHTS LOW VOLTAGE XENON

The Nora Lighting Mini Puck Light system provides state-of-the-art design with size, function and good looks in mind. The highly tooled construction of die-cast aluminum housing and tempered glass provides consistent quality and fine craftsmanship. Included with the fixture is the Xenon G4/JC Lamp. lead wire and a clear and frosted lens.







Mini Xenon Grooved Trim w/Housing

NM-127(finish) 20W 350 lumens

Features: Die-cast aluminum housing

Recessed or Surface mounting Clear and Frosted UV glass lens

72" Lead wire

Finish: Black (B), Bronze (BZ), Chrome

(C), Copper (CO), Gold (G), Natural Metal (N), White (W)

12V T3 G4 base (included) Lamp: Dimensions: Height: 7/8" Dia.: 2-5/8"

Listing: cULus Listed









Mini Xenon Smooth Trim w/Housing

NM-128(finish) 20W 350 lumens

Features: Die-cast aluminum housing

Recessed or Surface mounting Clear and Frosted UV glass lens

72" Lead wire

Black (B), Bronze (BZ), Chrome Finish:

(C), Copper (CO), Gold (G), Natural Metal (N), White (W)

12V T3 G4 base (included) Lamp: Dimensions: Height: 7/8" Dia.: 2-5/8"

Listina: cULus Listed











Ultra-Slim Xenon Puck Light

NM-254(finish) 10W 150 lumens

Features: Die-cast aluminum housing

Recessed or Surface mounting

Clear and Frosted UV glass lens 24" Lead wire

Black (B), Chrome (C), Gold (G), Finish:

White (W)

Lamp: 12V T3 G4 base (included) Dimensions: Dia.: 2-3/4" Height: 9/16" Listing: cULus Listed

Complete selection of transformers pages 326-329



MINI SOLUTIONS COLLECTION I OW VOLTAGE XENON PUCK LIGHT

The Nora Lighting Mini Puck Light Solution system provides state-of-theart design with size, function and good looks in mind. The highly tooled construction of die-cast aluminum housing and tempered glass provides consistent quality and fine craftsmanship. The units may be recessed or surface mounted (housing supplied).

Mini Xenon Trim w/Housing

NM-240(finish) Grooved 20W NM-241(finish) Smooth 20W

Die-cast aluminum housing, Features:

Recessed or Surface mounted. Clear & Frosted UV glass lens

Finish: Black (B), Chrome (C), Gold (G),

White (W)

12V T3 G4 base (included) (UL) us Lamp: Dimensions: Dia.: 2-3/4" Height: 1-1/4"

Listina: cULus Listed









NM-251

Mini Xenon Decorative Glass Puck Light with shallow cone-shaped tinted and frosted glass

NM-251(finish) Diamond Gemstone 10W NM-252(finish) Sapphire Gemstone 10W

NM-253(finish) Emerald Gemstone 10W

Features: Die-cast aluminum body,

Tempered glass, Recessed or

Surface mounted.

Black (B), Chrome (C), Copper (CO), Gold (G),

Natural Metal (N), White (W)

Lamp: Xenon T3 G4 base (included)

Dimensions: Height: 1-7/8" Dia.: 2-3/4"

Listing: cULus Listed

Finish:















NM-250(finish) Eyelid 10W

Features: Die-cast aluminum body, Tempered glass, Recessed or

Surface mounted

Finish: Black (B), Chrome (C), Copper (CO),

Gold (G), Natural Metal (N), White

Xenon T3 G4 base (included) Lamp: Dimensions: Height: 1-13/16" Dia.: 2-11/16"

Listing: cUL us Listed







Complete selection of transformers pages 326-329



MINI PUCK LIGHT KITS OW VOLTAGE XENON

This three light puck kit may be recessed or surface mounted. Rated for use with one JC Bi-Pin G4 lamp. Included with the kit is three puck lights, a 60W electronic transformer with quick connectors, and a 6' cord and plug.





Mini Solutions Collection Low Voltage Xenon Puck Light Kits

NMK-3240(finish) Grooved (3) 20W Max NMK-3241(finish) Smooth (3) 20W Max

Features: Die-cast aluminum body,

Recessed or Surface mounted, UV Tempered clear glass shield included, No splicing required

Finish: Black (B), Chrome (C), Gold (G),

White (W)

Transformer: 60W electronic transformer

with 6' cord and inline switch

(included)

Lamps: 12V T3 G4 base (included)
Dimensions: Dia.: 2-5/8" Height: 1-1/8"

Opening Dia.: 2-3/8"

Listing: cULus Listed





This three light puck kit may be recessed or surface mounted. Rated for use with one JC Bi-Pin G4 lamp. Includes three puck lights, a 60W electronic transformer with quick connectors, and a 6' cord and plug.

Mini Low Voltage Xenon Puck Light Kit

NM-126(finish) Grooved (3) 20W Max

Features: Die-cast aluminum body,

Recessed or Surface mounted, UV Tempered clear glass shield

included, No splicing required

Finish: Black (B), Chrome (C), Gold (G),

White (W)

Transformer: 60W electronic transformer with

6' cord and inline switch

(included)

Lamps: 12V T3 G4 base (included)
Dimensions: Dia.: 2-5/8" Height: 1-1/8"

Opening Dia.: 2-3/8"

Listing: cULus Listed





MINI RECESSED DOWNLIGHTS OW VOLTAGE MR11 / MR16

Nora Lighting offers the miniature recessed MR16 and MR11 series for applications where a wide range of lamps, colors and light-beam spreads are required to accomplish a specific task. The fixture, lamp and integral trim swivel to allow directional control of the light beam. The Mini Halogen Downlight can be used with various color filters and spread lenses. Designed for use with remote transformers.

Mini MR16 Housing and Mini Halogen Surface Eyeball Trim

NH-120B	Housing	(Black)
NH-129	Trim	20W Max

Features: Thermally protected housing is

rated for use in Non-IC ceilings **Trim Finishes:** Black (B), Bronze (BZ), Chrome

(C), Copper (CO), Gold (G), Natural Metal (N), White (W)

Lamp: 12V MR16 (not included)

Dimensions: Housing - Height: 4" Dia.: 2-5/16" Trim - Dia.: 3-1/2"

Listing: ETL Listed











NH-120B Mini MR16 Housing Required

Mini MR11 Housing and Mini Halogen Surface Eyeball Trim

NH-121B	Housing	(Black)	
NH-130	Trim	20W Max	

Features: Thermally protected housing is rated for use in Non-IC ceilings

Trim Finishes: Black (B), Bronze (BZ), Chrome (C),

Copper (CO), Gold (G), Natural Metal (N), White (W)

Lamp: 12V MR11 (not included)

Dimensions: Housing - Height: 2-13/16"

Dia.: 1-3/4" Trim - Dia.: 2-17/32"

Listing: ETL Listed













NH-121B Mini MR11 Housing Required



Complete selection of transformers pages 326-329



MINI SOLUTIONS COLLECTION MR11 HALOGEN I OW VOLT DOWNLIGHTS

THERMALLY PROTECTED HOUSING INCLUDED

Small aperture, MR11 downlights with deep-set lamp offers excellent glare control. For use with remote transformers.







MR11 Mini Halogen Reflector Downlight with Housing

NM-242(finish) 20W Max

Features: Housing is Thermally protected and rated for use in Non-IC

ceiling applications.

Finish: Black (B), Chrome (C), Gold (G),

Natural Metal (N), White (W)

Lamp: 12V MR11 (not included) Housing - Height: 3" Dia.: 1-3/8" Dimensions:

Trim - Dia.: 2-1/4" Height: 3/8"

Listing: ETL Listed





NM-243 Black Baffle



NM-244 White Baffle









MR11 Mini Halogen Baffle Downlight with Housing

NM-243(finish) Black Baffle 20W Max NM-244(finish) White Baffle 20W Max

Features: Housing is Thermally protected

and rated for use in Non-IC

ceiling applications.

Black (B), Chrome (C), Gold (G), White (W)

12V MR11 (not included) Lamp:

Dimensions: Housing - Height: 3" Dia.: 1-3/4" Trim - Height: 3/8" Dia.: 2-3/4"

Listing: ETL Listed

Finish:

















MR11 Mini Halogen Adjustable Downlights with Housing

NM-245(finish) Gimbal 20W Max NM-246(finish) 20W Max Eyeball

Features: Housing is Thermally protected and rated for use in Non-IC

ceiling applications.

Finish: Black (B), Chrome (C), Gold (G),

White (W)

12V MR11 (not included) Lamp: Housing - Height: 3" Dia.: 2-1/4" **Dimensions:** Trim - Height: 3/8" Dia.: 2-5/8"

Listing: ETL Listed



Complete selection of transformers pages 326-329

MINI SOLUTIONS COLLECTION MR16 HALOGEN I OW VOLT DOWNLIGHTS

THERMALLY PROTECTED HOUSING INCLUDED

Small aperture downlights give direct, clean crisp halogen light where you want it. Uses the popular MR16 lamp, available in several beam spreads. For use with remote transformers.

MR16 Mini Halogen Baffle Downlight with Housing

NM-247(finish) Black Baffle 20W Max NM-248(finish) White Baffle 20W Max

Features: Housing is Thermally protected

and rated for use in Non-IC ceiling applications.

Finish: Black (B), Chrome (C), Gold (G),

White (W)

Lamp: 12V MR16 (not included)

Dimensions: Housing - Height: 3-1/4" Dia.: 2-3/8"

Trim - Height: 3/8" Dia.: 3-1/2" cULus and ETL Listed Listing:



NM-247 Black Baffle



NM-248 White Baffle









ւ**Մ**ստ (ՄՄ)





MR16 Mini Halogen Adjustable Downlights with Housing

NM-249 Gimbal 20W Max Features: Housing is Thermally protected

> and rated for use in Non-IC ceiling applications.

Black (B), Chrome (C), Gold (G),

White (W) 12V MR16 (not included) I amn

Dimensions: Housing - Height: 3-1/4" Dia.: 2-1/2"

Trim - Height: 1" Dia.: 3-1/2"

cULus Listed

Listina:

Finish:











Complete selection of transformers pages 326-329





DRIVERS & TRANSFORMERS

LED DRIVERS

CLASS II TRANSFORMERS

ELECTRONIC TRANSFORMERS

MAGNETIC TRANSFORMERS

12V / 24V LED DRIVERS AND ACCESSORIES



Class II Plug-In Electronic Driver

NAPK-524/12 12V, 24W

NAPK-524 24V, 24W

NAPK-545 24V, 45W

Non-dimmable



Class II Plug-In Electronic Driver
NAPK-550/12 12V, 50W
NATL-596 24V, 96W
Non-dimmable



Hardwired Class II Electronic Driver
NAPK-530HW/12 12V, 30W
NAPK-560HW/12 12V, 60W
NAPK-530HW 24V, 30W
NAPK-560HW 24V, 60W
Requires NUSP-JBox for hard wiring or
NRA-6035 for direct plug-in
Non-dimmable



Integral Regulator for Constant Current and Voltage

NATL-5060HW 24V, 60W

NATL-5100HW 24V, 100W

NATL-5100HW 24V, 100W Includes Hardwire Box and 10' Power Line Connector



Dimmable Class II Hardwire Magnetic Driver with Integral Regulator for Constant Current and Voltage

NMTD-40/12D 12V, 40W NMTD-60/12D 12V, 60W NMTD-60/24D 24V, 60W NMTD-96/24D 24V, 96W Includes 10' Power Line Connector



Dimmable Class II Hardwire Magnetic Driver with Integral Regulator for Constant Current and Voltage

NMT-244/12C2D1 12V, 4x60W NMT-303/24C2D1 24V, 3x100W Includes 10' Power Line Connector



120/277V

Power Line Connector NAPK-10 10' 12V Cable NAPK-30 30' 12V Cable NALTL-10 10' 24V Cable NALTL-30 30' 24V Cable



Low Voltage Splice Box NATL-415W



Junction Box for Hard Wiring NUSP-JBox



5" 24V Line Splitter NATL-302 5"



12V / 24V LED DRIVERS AND ACCESSORIES



Flexible Extension Cords NRA-125/6 6" Cable

NRA-125/12 12" Cable

NRA-125/18 18" Cable NRA-125/72 72" Cable



Flexible Power Cord NRA-6035W/6 6' NRA-6035W/10 10'

CLASS II TRANSFORMERS



60W Lightech® Electronic Class II Transformer

NET-060-LT End Feed

VERSA NETLED-060-LW End Feed-LED [
3-60W VERSA Compatible with most LEDs Input: AC 120V Output: AC 12V L: 3-1/8" W: 1-7/8" H: 1-1/4" Dimmable with Electronic Low Voltage Dimmer



60W Lightech® Electronic Class II Transformer

NET-060-BF Bottom Feed

VERSANETLED-060-LWBF Bottom Feed-LED

Compatible with most LEDs

Input: AC 120V Output: AC 12V

L: 3-1/8" W: 1-7/8" H: 1-1/4"

T Dimmable with Electronic Low Voltage Dimmer



60W Electronic Class II Transformer
NET-1060 Blister pack
NET-2060 Individual box
Input: AC 120V Output: AC 12V
L: 2-3/4" W: 1-3/8" H: 3/4"
Dimmable with Electronic Low
Voltage Dimmer



with Cord & Plug

NET-060WP Black

NET-2060WP-B Black

NET-2060WP-W White

Input: AC 120V Output: AC 12V

L: 3-1/4" W: 1-1/4" H: 3/4" Dimmable with Electronic Low Volt Dimmer



300W Magnetic Class II Transformer with 5 x 60W Circuits w/Breakers NMT-300/C2

Input: AC 120V Output: AC 12V L: 6-3/8" W: 6-7/8" H: 3"

ELECTRONIC TRANSFORMERS



Economy Electronic Transformer
NET-060 60W
NET-075 75W
Input: AC 120V Output: AC 12V
L: 3-1/8" W: 1-7/8" H: 1-1/4"



Economy Electronic Transformer
NET-105 105W
NET-150 150W
Input: AC 120V Output: AC 12V
L: 5-1/8" W: 1-3/4" H: 1-3/8"



75W Premium* Lightech® Electronic Transformer, Bottom Feed NET-075-BF 120V/12V NET-075-BF-277 277V/12V Input: AC 120V Output: AC 12V L: 3-1/8" W: 1-7/8" H: 1-1/4"



75W Premium* Lightech® Electronic Transformer, End Feed NET-075-LT 120V/12V NET-075R/12 277V/12V NET-075R/24 277V/24V Input: AC 120V 0.tput: AC 12V L: 3-1/8* W: 1-7/8* H: 1-1/4*



75W Premium* Electronic Transformer
NET-1075 Blister pack
NET-2075 Individual box
Input: AC 120V Output: AC 12V
L: 3-1/4* W: 1-3/8* H: 7/8*



Premium* Electronic Transformer NET-1105 105W Blister pack NET-1150 150W Blister pack NET-2105 105W Individual pack NET-2150 150W Individual pack Input: AC 120V Output: AC 12V L: 4-1/4" W: 1-3/4" H: 1-1/4"



150W Premium* Lightech® Electronic Transformer

NET-150R/12 12V NET-150R/24 24V Input: AC 120V Output: AC 12V L: 4-3/8" W: 2-1/4" H: 1-3/8"



300W Premium* Lightech® Electronic Slim Line Enclosed Transformer NET-300/SL 12V NET-300/SL/24 24V Input: AC 120V Output: AC 12V L: 9-3/8" W: 1-5/8" H: 1-3/8"

^{*} Premium transformers are resettable.

ELECTRONIC TRANSFORMERS



300W Premium* Lightech® Electronic Transformer

NET-300/24 24V

Input: AC 120V Output: AC 12V

L: 6" W: 1-1/2" H: 1-1/8"



Step Down Transformers
NA-277/300 300W Max 120V
NA-277/150 150W Max 120V
NA-277/50 50W Max 120V
Convert 277V into 120V

MAGNETIC TRANSFORMERS

TRANSFORMERS AND METAL ENCLOSURES



150W Magnectic Transformers NMT-150/12SP 120V/12V Breaker: (1) 20A L: 3-1/8" W: 2-7/8" H: 10"



300W Magnectic Transformers NMT-300/12SP 120V/12V NMT-300/24SP 120V/24V Breaker: 12V (1) 25A, 24V (1) 12.5A L: 4-1/4" W: 3-5/8" H: 10"



600W Magnectic Transformers NMT-600/12SP 12V, 4x300W NMT-600/24SP 24V, 1x600W Breaker: 12V (2) 25A, 24V (1) 25A L: 4-7/8" W: 4-1/4" H: 11-1/4"



1200W Magnectic Transformers NMT-1200/12SP 12V, 4x300W NMT-1200/24SP 24V, 2x600W Breaker: 12V (4) 25A, 24V (2) 25A L: 7" W: 5" H":12-1/2"



NETB-1 Metal Enclosure For use with 60W or 75W Electronic Transformers L: 7" W: 2" H: 2"



NETB-2 Metal Enclosure For use with 105W or 150W Electronic Transformers L: 6-5/8" W: 3-3/4" H: 2-1/4"

^{*} Premium transformers are resettable.





EXIT & EMERGENCY

LED EXIT SIGNS

LED EDGE-LIT EXIT SIGNS

LED EXIT & EMERGENCY

EMERGENCY LIGHTING

EMERGENCY REMOTE HEADS

EXIT & EMERGENCY ACCESSORIES

EMERGENCY DOWNLIGHTS

EMERGENCY RETROFIT

LED EXIT SIGNS

UNIVERSAL · WET LOCATION

Building lighting is generally thought of as a number of fixtures that allow occupants to live, move, and work in comfort and safety. Just as importantly, lighting must also help the same people safely and quickly leave a location, whether it is one individual, or a large group.

All LED Exit Signs are 120/277V, single or double faced, 6" green or red letters. Some housings are available in black or white and accept optional "Salida" face.



Universal LED Exit Sign

NX-503-LED(color) AC Only

- · Sturdy ABS Plastic Housing
- · H: 7-3/8" D: 1-3/4" W: 11-7/8"

NX-504-LED (color) Emergency Circuit

- · Sturdy ABS Plastic Housing
- · H: 8-3/4" D: 1-3/4" W: 12-1/8"

NX-603-LED(color) Battery Backup

- · Sturdy ABS Plastic Housing
- · H: 8-3/4" D: 1-3/4" W: 12-1/8"
- Color: G Green or R Red letters;
 BG Black w/ Green or BR Red letters;
 GS Green or RS Red letters Salida



Wet Location LED Exit Sign

NX-607-LED(color) Battery Backup

- · Color: /R Red or /G Green letters
- · Heavy-duty steel and plastic construction
- · Wet Location gasket protected
- · H: 11" D: 5" W: 11"





LED EDGE-LIT EXIT SIGNS

ADJUSTABLE FACE · SURFACE OR RECESSED MOUNT

Ideal for architectural applications where aesthetic and minimal profile appearance is desired. The Edge-Lit series offers a small housing supporting a clear or mirrored acrylic face. LED sources within the housing cast a brilliant red or green illumination on letters embedded inside the acrylic face.

FEATURES:

- · Surface or Recessed Mounted
- Housing finish: Aluminum, Black, or White
- · Ceiling, Side, or Wall Mounted
- · Single and Double Face
- Available with Battery Back-up, AC only, or Circuit for emergency
- · ETL Listed, NEC, NFPA







Surface Mount (Ceiling)
LED Edge-Lit Exit Sign
as shown: NX-811-LEDG1CA

NY Approved

Surface Mount (Wall) LED Edge-Lit Exit Sign as shown: NX-822-LEDR1CA Recessed Mount LED Edge-Lit Exit Sign as shown: NX-814-LEDG1CA

LED EDGE-LIT EXIT SIGNS, SURFACE MOUNT HOUSING FINISH ITEM NO MODEL LETTERS PANEL FACE / COLOR NX-810-LED AC Only G Green, 6" 1C Single Face, A Aluminum Clear Acrylic **B** Black R Red, 6" NX-811-LED 2-Circuit 1M Single Face, W White NX-812-LED Battery Mirrored Acrylic Back-Up 2M Double Face, Mirrored Acrylic NX-822-LED Battery R Red. 8"

Example: NX-811-LEDR1MA - LED Adjustable Edge-Lit Exit Sign, Surface Mount, 2-Circuit, Red Letters, Single Mirrored Acrylic Face, Aluminum Housing

Back-Up

LED EDGE-LIT	EXIT SIGN	S, RECES	SED MOUNT	
ITEM NO.	MODEL	LETTERS	PANEL FACE / COLOR	HOUSING FINISH
NX-813-LED	AC Only	G Green	1C Single Face,	A Aluminum
NX-814-LED	2-Circuit	R Red	Clear Acrylic M Single Face,	B Black W White
NX-815-LED	Battery Back-Up		Mirrored Acrylic W Single Face, White Acrylic 2M Double Face, Mirrored Acrylic	** WING

Example: NX-814-LEDRMA - LED Adjustable Edge-Lit Exit Sign, Recessed Mount, 2-Circuit, Red Letters, Single Mirrored Acrylic Face, Aluminum Housing



LED EXIT & EMERGENCY

NEW YORK APPROVED STEEL BODY FIXTURES

Nora's New 20 gauge steel body exit and emergency combination units are suitable for rugged applications and New York City approved.



NY Approved Steel Body LED Exit & Emergency Combination

NEX-750-LED/R2 Two Lamps NEX-750-LED/R3 Three Lamps

- · Steel housing
- · Battery Backup
- · Two or Three Adjustable heads
- · Single or Double Faced
- · 8" Red letters
- · H: 16-1/2" D: 4-7/8" W: 16-1/2"



NY Approved Steel Body LED Exit Sign

NEX-550-LEDU/R White Housing NEX-550-LEDU/RB Black Housing

- · Steel housing
- · Battery backup
- · Single or double faced
- · 8" Red letters with 1" stroke
- · H: 16-1/2" D: 4-7/8" W: 16-1/2"



New York Approved Steel Body LED Emergency Lights

NE-850-LED/2 Two Lamps NE-850-LED/3 Three Lamps

- · White Steel housing
- · Battery Backup
- · Two or Three Adjustable heads
- · H: 16-1/2" D: 2-3/8" W: 16-1/2"



LED EXIT & EMERGENCY COMBINATIONS

LED Damp Location
Exit & Emergency Combination

NEX-730-LED(color) Battery Backup

- · Color: /B Black or /W White housing
- · Dual adjustable heads
- · For Wet Listing use with enclosure NEG-50
- · Max. H: 9-1/2" D: 1-3/4" Max. W: 11-3/4"



LED Wet Location
Exit & Emergency Combination

NEX-710-LED(color) Battery Backup

- · Color: /R Red or /G Green letters
- · Dual adjustable heads
- · Wet location gasket protected
- · Max. H: 16-3/4" D: 5" Max. W: 11"



LED Exit & Emergency Combination 5.4W/T5 Wedge Base Lamps

NEX-707-LED(color) Square Adjust Heads NEX-708-LED(color) Round Adjust Heads

- Color: G Green or R Red letters; BG Black w/ Green or BR Red letters; GS Green or RS Red letters Salida
- · Optional Salida faceplate, suffix S
- Max. H: 14-1/2" Max. W: 22-1/2"
 D: 4-1/2"



LED Exit & Emergency Combination 5W MR16 Halogen Lamps

NEX-709-LED Round Adjust Heads

- Color: G Green or R Red letters;
 GS Green or RS Red letters Salida
- · Optional Salida faceplate, suffix S
- · Max. H: 14-1/2" Max. W: 22 D: 4-1/2"





EMERGENCY LIGHTING





NE-900(Finish)(LED Sensor)

- · Available in B Black, BZ Bronze, S Silver, W White
- Dual 120/277V input
- · Aluminum die-cast housing with polycarbonate
- lens and mirror reflector
- · Dual 6W Xenon lamps included
- · 6V 5 amp/hour battery included
- · 90 minutes of light on charged battery · Optional LED Sensor: A Amber, G Green,
 - W White
- · H: 10-1/2" D: 3-3/4" W: 6-1/2"
- · cETLus Listed, Wet Location



Emergency w/ Remote Capability

NE-960 Round Adjustable Heads

- Dual 120/277V input
- 2 x 6V 5.4W DV T5 Wedge
- · UL Listed, Wet Location
- · Capatible Remote Heads: NE-831, NE-832, NE-837, NE-838, NE-839, NE-931, NF-932



LED Mini Dual Head Emergency Light

NE-502

NE-502B Black

- · 2 LED heads provide 200 lumens
- · Use NEG-50 Enclosure used for harsh or wet label environment
- · H: 4-1/8" D: 3-1/8" W: 13-5/8"



LED Mini Emergency Light Enclosure

NEG-50 Polycarbonate weather-proof

- · Vandal resistant
- · H: 7-3/4" D: 5-3/4" W: 15-5/8"



Dual Head Emergency Lights

NE-403 Beveled Face, 6W Wedge Base NE-403B Black Beveled, 6W Wedge Base · H: 4-1/8" D: 4" W: 13-3/4"



- · H: 5-1/2" D: 4" W: 12-1/8"
- · White or Black, Ceiling or Wall mounted
- · Dual 120/277V input
- · Lamps included
- · 90 minutes of light on charged battery
- · Injection molded thermoplastic construct
- · Sealed maintenance-free 6V-4.5 amp/ hour battery included
- · UL listed. Suitable for damp location
- · Replacement lamp: 6T5WB







EMERGENCY LIGHTING continued

Emergency Light

NE-806 Beveled Face, 6W Xenon

- · H: 5" D: 2-11/16" W: 11-13/16"
- · Dual 120/277V input
- · Ceiling or Wall Mounted
- · 6W wedge base lamps included
- $\cdot\,$ 90 minutes of light on charged battery
- · Injection molded thermoplastic housing with clear sides
- Sealed maintenance-free 6V-4.5 amp/ hour battery included
- · UL, CSA, Damp location listed
- · Replacement lamp: 6T5WB



EMERGENCY REMOTE HEADS

Single Emergency Remote Head

NE-831

NE-931 UL Wet Location Listed

- · 6V, 6W lamp included
- · Sturdy ABS plastic housing
- · H: 7-1/8" D: 6-7/8" W: 4-7/8"



Double Emergency Remote Head

NE-832

NE-932 UL Wet Location Listed

- · 6V, 6W lamps included
- · Sturdy ABS plastic housing
- · H: 6-7/8" D: 6" W: 13-1/8"



Square Emergency Remote Head

NE-837

- · 5.4W 6V T5 Wedge Base, lamp included
- · H: 4-5/16" W: 4-5/8" D: 5-3/16"



Round Emergency Remote Head

NE-838

- · 5.4W 6V T5 Wedge Base, lamp included
- · H: 4-5/16" W: 4-7/8" D: 4-13/16"



Single Emergency Remote Head

NE-839

- · 5W 6V MR16 Remote, lamp included
- · H: 4-5/16" W: 4-7/8" D: 4-13/16"



EXIT & EMERGENCY ACCESSORIES



NEB-NICAD Rectangle 4.8V Replacement Battery for LED Exit Signs



NEB-NICAD2 Square 4.8V Replacement Battery for LED Exit Signs



NEB-6V-4.5 6V Replacement / Additional Battery 6V 4.5Amp/Hr.



6T5WB 6W Replacement T5 Emergency Lamp



QI5MR16/6 5W Replacement MR16 Emergency Lamp



NEXC-G Green NEXC-R Red Replacement Chevrons for Edge-Lit



NEXL/G Green NEXL/R Red Replacement Lens for Exit Signs



NEXL-G Green
NEXL-R Red
Replacement Face Plate and Lens for
Exit Signs



NEXL-GS White Plate / Green NEXL-RS White Plate / Red Salida Replacement Face Plate and Lens



NEXL-BGS Black Plate / Green NEXL-BRS Black Plate / Red Salida Replacement Face Plate and Lens



NEG-50 Polycarbonate Vadal/Environment Resistant Shield (use with NE-502)



NEXS-P1Polycarbonate Vandal/Environment
Resistant Shield

EMERGENCY LOW VOLTAGE DOWNLIGHT



Low Voltage Downlight Emergency Option

An emergency option for recessed low voltage downlights. Emergency relay is pre-wired and installed at Nora Lighting (battery ordered separately).

Simply add "/EM" to item number. Example: NL-401/EM

Nora Lighting's Emergency Option for Low Voltage Downlights supplies any of our 3-inch, 4-inch or 6-inch new construction housings with factory installed Emergency units for simple, trouble-free installation. In the event of a power failure, fixtures will remain illuminated for a minimum of 90 minutes, allowing for safe departure of the building's occupants. These high quality downlights are suitable for use in residential and commercial settings, as well as any public areas. Simply use the suffix "FEM" in the part number — and we'll take care of the rest. The Emergency Option requires an emergency battery. See pages 125-127 for our selection of Low Voltage downlights and trims.



Emergency Relay Kit

Emergency relay kit for use with existing low voltage lighting fixtures, already installed in the ceiling. Emergency relay system automatically switches low voltage fixture between emergency and normal power operation during power loss and restoration.

NELK-50 Low Voltage Emergency Relay Unit NEBU-50 50W Emergency (2) 6V Battery Unit NEBU-100 100W Emergency (1) 12V Battery Unit

NEBU-100/2H 100W Emergency (1) 12V Battery Unit with Emergency Heads

NEBU-200 200W Emergency (2) 12V Battery Unit

NEBU-200/2H 200W Emergency (2) 12V Battery Unit with Emergency Heads



Self-Contained Recessed Emergency Downlight

Unit comes complete with recessed housing, battery, emergency unit, and gimbal ring trim. In the event of a power failure, provides a minimum of 90 minutes of illumination.

NEH-826(B, W) 6V, 8W Emergency New Construction Downlight NERH-826(B, W) 6V, 8W Emergency Remodel Downlight

- · Available in Plastic Trims (Black and White finishes)
- · Available in Metal Trims (consult factory for finishes)

EMERGENCY FLUORESCENT DOWNLIGHT

Nora Lighting has an emergency option for Architectural, Commercial, and Economy recessed compact fluorescent downlights. Emergency ballast is pre-wired and installed at Nora Lighting. Simply add "/EM" to item number.



EMERGENCY INTEGRAL OPTION

ECONOMY COMPACT FLUORESCENT HOUSINGS

Nora Lighting is pleased to introduce a new emergency integral option for our family of Compact Fluorescent Downlights. We can supply our 6-inch or 8-inch new construction housings with factory installed Emergency ballasts for simple, trouble-free installation. The emergency ballast comes pre-wired with an integral test switch. The integral test switch functions as both a test switch and an indicator light and is discreetly mounted to the top of the housing (Economy housings) or reflector (Architectural and Commercial housings). In the event of power interruption, fixtures will continue to work for a minimum of 90 minutes, allowing for safe egress of the building's occupants. These high quality downlights are suitable for use in corridors, hospitals, or any public area. Simply use the suffix "/EMI" in the part number and we'll do the rest. See pages 106 for our selection of Compact Fluorescent Downlights and Trims.











EMERGENCY RETROFIT



Emergency Downlight Retrofit Kit

Nora Lighting's NEPK Series Emergency Downlight Retrofit Kit converts existing compact fluorescent housings to emergency units. The NEPK-13 Series can be used with most 7W-42W fluorescent lamps including 2-Pin magnetic or 4-Pin electronic compact fluorescents. It can also be customized to your application. Ideal for remodel or double wall IC Housings.

NEPK-13/I13A NEPK-B426 NEPK-I42A NEPK-B30

13W 2-Pin Twin/Quad, 650 lumens NEPK-1826/I26A 18W-26W 2-Pin Quad, 650 lumens 18W-26W 2-Pin Quad, 650 lumens NEPK-1326/I42A 13W-42W 4-Pin Twin/Triple, 650 lms 13W-42W 4-Pin Twin/Triple, 1300 lms 18W-26W 4-Pin Twin/Triple, 3500 lms

INDEX	317, 327, 336	NC-836 43
$IINUL\Lambda$	NAPK-530HW/12 336	NC-838 43
	NAPK-545 336	NCE-830L 190
	NAPK-550/12 295, 327, 336	NCH40
	NAPK-560HW336	NCH-430 38
150070 007	NAPK-560HW/12 295, 303,	NCH-630 40
150R7S 227		
300R7S 227	317, 327, 336	NCH-830 42
40G9 227	NAPK-701 327	NCHR-434
40G9F/0 227	NAPK-702 327	NCHR-634 40
50MR16/L10S 277	NAPK-703 327	NCHR-834 42
	NAPK-706 327	NCL-309 187
50MR16/Line/L10 227	NAPK-711	NCL-310 187
50MR16/Line/L10S 227		
50MR16EXN/L10S 134, 137	NAPK-712 327	NCL-311 187
6T5WB 344	NAPK-713 327	NCL-312 187
BAEBF013TQ43UUN 153	NAPK-724 327	NCR-61 65
BAEBF018TQ43UUN153	NAPK-736 327	NCR-66 65
	NAPK-748 327	NCR-68 65
BAEBF908TQ43AD 153	NARGB-202 316, 322	NCR-81 65
BAEBF908TQ43UUN153		
BAEQF013TQ411AD153	NARGB-206 316, 322	NCR-86 65
BAEQF018TQ431AD153	NARGB-218 316, 322	NCR-88 65
BAEQF026TQ411UN153	NARGB-236 316, 322	NDSA-14 295
	NARGB-272 316, 322	NDSA-2 295
CMH20MR16/FL227		
NA-100 277	NARGB-300 308, 316, 322	NDSA-4 295
NA-101B 277	NARGB-301 308, 316, 322	NE-502 342
NA-200 277	NARGB-710 316, 322	NE-803 342
	NARGB-716 295	NE-804
NA-277/150339	NARGB-760 317. 323	NE-806
NA-277/300 339		
NA-277/50 339	NARGB-761 317, 323	NE-831 343
NA-300 277	NARGB-765 295, 317	NE-832 343
NA-301 277	NARGB-860 317	NE-837 343
	NARGB-861 317	NE-838
NA-382 278		
NA-383 278	NARGB-866 317	NE-839 343
NA-398 278	NARGBW-962 323	NE-850-LED/2 340
NA-399 278	NARGBW-963 323	NE-850-LED/3 340
NACCT-865	NAT-380 278	NE-900
	NAT-381 278	NE-931
NACCT-867 317		
NAFL-560HW 295	NATHR-401 316, 322	NE-932 343
NAFL-709 295	NATHR-680 297, 316, 322	NE-960 342
NAFL-711 295	NATHR-685 308	NEB-6V-4.5 344
	NATL-202 302	NEB-NICAD 344
NAH-430 38		
NAH-630 40	NATL-206 302	NEB-NICAD2 344
NAH-830 42	NATL-218 302	NEBU-100 345
NAH0-202 308	NATL-236 302	NEBU-100/2H345
NAHO-206	NATL-272 302	NEBU-200 345
	NATL-300 302	NEBU-200/2H
NAH0-218 308		
NAH0-236 308	NATL-301 302	NEBU-50 345
NAH0-272 308	NATL-302 322	NEG-50 342, 344
NAHO-609 308	NATL-400 302, 316, 322	NEH-826 345
NAHO-611308	NATL-401 302	NELK-50 345
	NATL-403 302, 308, 316, 322	NEPK-13/I13A 346
NAL-200 290		
NAL-201 290	NATL-415W 291, 295, 303,	NEPK-1326/142A 346
NAL-202 290	308, 316, 322, 327	NEPK-1826/I26A 346
NAL-206 290	NATL-420 297, 302	NEPK-B30 346
NAL-218 290	NATL-5060HW . 303, 323, 336	NEPK-B426 346
	NATL-509 302	NEPK-BSL-26CITS 153
NAL-220 291	NATL-5100HW . 291, 303, 323	NEPK-I42A 346
NAL-225 290		
NAL-230 290	NATL-511 302, 317	NERH-826 345
NAL-238 290	NATL-515 302	NET-060
NAL-245 290	NATL-517 302, 317	NET-060-BF 337
	NATL-518 303, 323	NET-060-LT
NAL-250 291	NATL-516	NET-060WP
NAL-255 290		
NAL-258 290	NATL-530HW 291, 317, 323	NET-075 338
NAL-270 290	NATL-545 291, 317, 323	NET-075-BF 338
	NATL-550/12 303, 317	NET-075-BF-277 338
NAL-280 290	NATL-560HW 291, 317, 323	NET-075-LT
NAL-299/12290		
NAL-299/24290	NATL-596 291, 303, 317, 323	NET-075R/12338
NAL-299/36290	NATL-C23 297, 302, 316, 322	NET-075R/24
NAL-299/48290	NATL-C24 297, 302, 316, 322	NET-105 338
	NATL-C25 297, 302, 316, 322	NET-1060 285, 337
NAL-299/6	NATL-C26 297, 302, 316, 322	NET-1075 285, 338
NALTL-10. 291, 302, 316, 322		
NALTL-30. 291, 302, 316, 322	NATL-C27 297, 302, 316, 322	NET-1105
NAPK-10 . 295, 302, 316, 336	NATL-C28 297, 302, 316, 322	NET-1150 285, 338
NAPK-109 327	NC-431 39	NET-150 338
	NC-436	NET-150R/12338
NAPK-30 . 295, 302, 316, 336		NET-150R/24
NAPK-524 336	NC-438 39	
NAPK-524/12 295, 303, 317,	NC-631 41	NET-2060 337
323, 327, 336	NC-636 41	NET-2060WP-B 337
NAPK-530HW336	NC-638 41	NET-2060WP-W337
	NC-831 43	NET-2075
NAPK-530HW/12 295, 303,	110 001 45	INC1-2010



NET OLOF	NUIENO OLEO EL 1	NURU 1100EL 100
NET-2105 338	NHFM8-9150/EL1 115	NHPH-118SEL 100
NET-2150 338	NHFM8-9150/EL2 115	NHPH-213SEL 100
NET-300/24 339	NHFM8-935/EL 115	NHPH-218SEL 100
NET-300/SL 338	NHFM8-950/EL 115	NHPH-226SEL 100
NET-300/SL/24 338	NHFM8-970/EL 115	NHPH-2642SEL 100
NETB-1	NHFM-9100/EL 115	NHPIC-113EL 88
NETB-2 339	NHFM-9150/EL 115	NHPIC-118EL 88
NETLED-060-LW 337	NHFM-935/EL 115	NHPIC-126EL 88
NEX-550-LEDU/R 340	NHFM-950/EL 115	NHPIC-13/2LEL 106
NEX-550-LEDU/RB 340	NHFM-970/EL 115	NHPIC-13/2LQ 106
NEX-707-LED	NHIC-17/100DWQA 144	NHPIC-13EL 102
NEX-708-LED 341	NHIC-17QAT144	NHPIC-13ELAT 102
NEX-709-LED	NHIC-17QNBAT 144	NHPIC-13MQ 102
NEX-710-LED	NHIC-27QAT144	NHPIC-18EL 102
NEX-730-LED	NHIC-350AT 134	NHPIC-18ELAT 102
NEX-750-LED/R2 340	NHIC-4G24AT	NHPIC-213EL 88
NEX-750-LED/R3 340	NHIC-4LMARAT/277 61, 69	NHPIC-218EL 88
NEXC-G 344	NHIC-501QAT142	NHPIC-226EL 88
NEXC-R	NHIC-527QAT142	NHPIC-2642ELAT 102
NEXL/G 344	NHIC-5G24ATFL 109	NHPIC-26ATE2 102
NEXL/R	NHIC-6G24ATFL 110	NHPIC-26ELAT 102
NEXL-BGS 344	NHIC-926/DWQAT 148	NHPIC-32ATE2 102
NEXL-BRS 344	NHIC-926LMRAT 53, 68	NHPIC-413AT (
NEXL-G	NHIC-926QAT 53, 68, 148	NHPIC-413ATE2 94
NEXL-GS 344	NHID-420113	NHPIC-413ELAT 94
NEXL-R 344	NHID-439113	NHPIC-418AT 94
NEXL-RS 344	NHID-470113	NHPIC-418ATE2 94
NEXS-P1 344	NHID-4GX10W 113	NHPIC-418ELAT 94
NFBIC-4INCAT 140	NHID-4P20W 113	NHPIC-426AT 94
NFBIC-4L12AT 46	NHID-4T415W 113	NHPIC-426ATE2 94
NFBIC-4L85AT 46	NHID-4T423W 113	NHPIC-426ELAT 94
NFBIC-4LMRAT 61, 69	NHID-4T432W 113	NHPIC-501QAT1398
NFBIC-5INCAT 142	NHID-4T615W 113	NHPIC-513ATE2 98
NFBIC-5L85AT 48	NHIOICD-16 56	NHPIC-513ELAT 98
NFBIC-6INCAT 144	NHIOICD-28 56	NHPIC-518ATE2 98
NFBIC-6L12AT 50	NHIOICD-48 56	NHPIC-518ELAT 98
NFBIC-6L85AT 50	NHM-41246	NHPIC-526ATE2 98
NFBPIC-413ELAT 94	NHM-51248	NHPIC-526ELAT 98
NFBPIC-418ELAT 94	NHM-52048	NHPIC-926/13EAT 107
NFBPIC-513ELAT 98	NHM-61250	NHPIC-926/18EAT 107
NFBPIC-518ELAT 98	NHM-62050	NHPIC-926/26EAT 107
NFBPIC-526ELAT 98	NHMIC-485 46	NHPIC-926/32EAT 107
NFBPIC-526ELAT 98 NFBPIC-613ELAT 103	NHMIC-485	NHPIC-926/32EAT 107 NHPM-7100/EL 117
NFBPIC-526ELAT 98 NFBPIC-613ELAT 103 NFBPIC-618ELAT 103	NHMIC-485 46 NHMIC-585 48 NHMIC-685 50	NHPIC-926/32EAT 107 NHPM-7100/EL 117 NHPM-735/EL 117
NFBPIC-526ELAT .98 NFBPIC-613ELAT .103 NFBPIC-618ELAT .103 NFBPIC-626ELAT .103	NHMIC-485 46 NHMIC-585 48 NHMIC-685 50 NHMICD-412 46	NHPIC-926/32EAT 107 NHPM-7100/EL 117 NHPM-735/EL 117 NHPM-750/EL 117
NFBPIC-526ELAT 98 NFBPIC-613ELAT 103 NFBPIC-618ELAT 103	NHMIC-485 46 NHMIC-585 48 NHMIC-685 50	NHPIC-926/32EAT 107 NHPM-7100/EL 117 NHPM-735/EL 117
NFBPIC-526ELAT 98 NFBPIC-613ELAT 103 NFBPIC-618ELAT 103 NFBPIC-626ELAT 103 NGD-17 276	NHMIC-485 46 NHMIC-585 48 NHMIC-685 50 NHMICD-412 46 NHMICD-612 50	NHPIC-926/32EAT 107 NHPM-7100/EL 117 NHPM-735/EL 117 NHPM-750/EL 117 NHPM-770/EL 117
NFBPIC-526ELAT 98 NFBPIC-613ELAT 103 NFBPIC-618ELAT 103 NFBPIC-626ELAT 103 NGD-17 276 NH-120B 331	NHMIC-485	NHPIC-926/32EAT 107 NHPM-7100/EL 117 NHPM-735/EL 117 NHPM-750/EL 117 NHPM-770/EL 117 NHPSIC-13ELAT 102
NFBPIC-526ELAT 98 NFBPIC-613ELAT 103 NFBPIC-613ELAT 103 NFBPIC-626ELAT 103 NGD-17 276 NH-120B 331 NH-121B 331	NHMIC-485 46 NHMIC-585 48 NHMIC-685 50 NHMICD-412 46 NHMICD-612 50 NHMICD-620 50 NHP-113EL 88	NHPIC-926/32EAT 107 NHPM-7100/EL 117 NHPM-735/EL 117 NHPM-750/EL 117 NHPM-770/EL 117 NHPSIC-13ELAT 102 NHPSIC-13ELAT 102
NFBPIC-526ELAT 98 NFBPIC-613ELAT 103 NFBPIC-618ELAT 103 NFBPIC-626ELAT 103 NGD-17 276 NH-120B 331	NHMIC-485	NHPIC-926/32EAT 107 NHPM-7100/EL 117 NHPM-735/EL 117 NHPM-750/EL 117 NHPM-770/EL 117 NHPM-770/EL 117 NHPSIC-13ELAT 102 NHPSIC-18ELAT 102 NHPSIC-18ELAT 102
NFBPIC-526ELAT 98 NFBPIC-613ELAT 103 NFBPIC-618ELAT 103 NFBPIC-626ELAT 103 NGD-17 276 NH-120B 331 NH-121B 331 NH-129 331	NHMIC-485	NHPIC-926/32EAT 107 NHPM-7100/EL 117 NHPM-735/EL 117 NHPM-750/EL 117 NHPM-770/EL 117 NHPM-770/EL 117 NHPSIC-13ELAT 102 NHPSIC-18ELAT 102 NHPSIC-18ELAT 102
NFBPIC-526ELAT 98 NFBPIC-613ELAT 103 NFBPIC-618ELAT 103 NFBPIC-626ELAT 103 NGD-17 276 NH-120B 331 NH-121B 331 NH-129 331 NH-130 331	NHMIC-485	NHPIC-926/32EAT 107 NHPM-7100/EL 117 NHPM-735/FL 117 NHPM-750/FL 117 NHPM-770/FL 117 NHPSIC-13ELAT 102 NHPSIC-13ELAT 102 NHPSIC-18ELAT 102 NHPSIC-18ELAT 87
NFBPIC-526ELAT 98 NFBPIC-613ELAT 103 NFBPIC-618ELAT 103 NFBPIC-618ELAT 103 NFBPIC-626ELAT 103 NGD-17 276 NH-120B 331 NH-121B 331 NH-129 331 NH-130 331 NH-150 132	NHMIC-485	NHPIC-926/32EAT 107 NHPM-7100/EL 117 NHPM-735/EL 117 NHPM-750/EL 117 NHPM-770/EL 117 NHPSIC-13ELAT 102 NHPSIC-13ELAT 102 NHPSIC-18ELAT 102 NHPSIC-26ELAT 102 NHPSIC-26ELAT 87 NHPT-13EL 87
NFBPIC-526ELAT 98 NFBPIC-613ELAT 103 NFBPIC-618ELAT 103 NFBPIC-626ELAT 103 NGD-17 276 NH-120B 331 NH-121B 331 NH-129 331 NH-130 331	NHMIC-485	NHPIC-926/32EAT 107 NHPM-7100/EL 117 NHPM-735/FL 117 NHPM-750/FL 117 NHPM-770/FL 117 NHPSIC-13ELAT 102 NHPSIC-13ELAT 102 NHPSIC-18ELAT 102 NHPSIC-18ELAT 87
NFBPIC-526ELAT 98 NFBPIC-613ELAT 103 NFBPIC-618ELAT 103 NFBPIC-626ELAT 103 NGD-17 276 NH-120B 331 NH-121B 331 NH-129 331 NH-130 331 NH-150 132 NH-160 144	NHMIC-485	NHPIC-926/32EAT 107 NHPM-7100/EL 117 NHPM-735/EL 117 NHPM-750/EL 117 NHPM-770/EL 117 NHPSIC-13ELAT 102 NHPSIC-18ELAT 102 NHPSIC-18ELAT 102 NHPSIC-18ELAT 87 NHPT-18EL 87 NHPT-18EL 87
NFBPIC-526ELAT 98 NFBPIC-613ELAT 103 NFBPIC-613ELAT 103 NFBPIC-626ELAT 103 NGD-17 276 NH-120B 331 NH-121B 331 NH-129 331 NH-130 331 NH-150 132 NH-260 144 NH-260NB 144	NHMIC-485 . 46 NHMIC-585 . 48 NHMIC-685 . 50 NHMICD-412 . 46 NHMICD-612 . 50 NHMICD-620 . 50 NHP-113EL . 88 NHP-118EL . 88 NHP-126EL . 88 NHP-13/2LEL . 106 NHP-13/2LQ . 106 NHP-13/2LQ . 106 NHP-13/2LQ . 106	NHPIC-926/32EAT 107 NHPM-7100/EL 117 NHPM-735/EL 117 NHPM-750/EL 117 NHPM-770/EL 117 NHPSIC-13ELAT 102 NHPSIC-13ELAT 102 NHPSIC-18ELAT 102 NHPSIC-18ELAT 87 NHPT-13EL 87 NHPT-18EL 87 NHPT-18EL 87 NHPT-18EL 87
NFBPIC-526ELAT 98 NFBPIC-613ELAT 103 NFBPIC-613ELAT 103 NFBPIC-626ELAT 103 NGD-17 276 NH-120B 331 NH-121B 331 NH-129 331 NH-129 331 NH-150 132 NH-260 144 NH-260NB 144 NH-260NB 144 NH-270 144	NHMIC-485	NHPIC-926/32EAT 107 NHPM-7100/EL 117 NHPM-735/EL 117 NHPM-750/EL 117 NHPM-770/EL 117 NHPSIC-13ELAT 102 NHPSIC-13ELAT 102 NHPSIC-26ELAT 102 NHPSIC-26ELAT 87 NHPT-13EL 87 NHPT-2642EL 87 NHPT-613EL 87 NHPT-18EL 87 NHPT-18EL 87
NFBPIC-526ELAT 98 NFBPIC-613ELAT 103 NFBPIC-613ELAT 103 NFBPIC-616ELAT 103 NFBPIC-626ELAT 103 NGD-17 276 NH-120B 331 NH-121B 331 NH-129 331 NH-130 331 NH-150 132 NH-260 144 NH-260NB 144 NH-270 144 NH-270 133	NHMIC-485	NHPIC-926/32EAT 107 NHPM-7100/EL 117 NHPM-735/EL 117 NHPM-750/EL 117 NHPM-770/EL 117 NHPSIC-13ELAT 102 NHPSIC-18ELAT 102 NHPSIC-26ELAT 102 NHPSIC-26ELAT 87 NHPT-13EL 87 NHPT-264/2EL 87 NHPT6-13EL 87 NHPT6-13EL 87 NHPT6-18EL 87 NHPT6-18EL 87
NFBPIC-526ELAT 98 NFBPIC-613ELAT 103 NFBPIC-613ELAT 103 NFBPIC-616ELAT 103 NFBPIC-626ELAT 103 NGD-17 276 NH-120B 331 NH-121B 331 NH-129 331 NH-130 331 NH-150 132 NH-260 144 NH-260NB 144 NH-270 144 NH-270 133	NHMIC-485	NHPIC-926/32EAT 107 NHPM-7100/EL 117 NHPM-735/EL 117 NHPM-750/EL 117 NHPM-770/EL 117 NHPSIC-13ELAT 102 NHPSIC-18ELAT 102 NHPSIC-26ELAT 102 NHPSIC-26ELAT 87 NHPT-13EL 87 NHPT-264/2EL 87 NHPT6-13EL 87 NHPT6-13EL 87 NHPT6-18EL 87 NHPT6-18EL 87
NFBPIC-526ELAT 98 NFBPIC-613ELAT 103 NFBPIC-618ELAT 103 NFBPIC-626ELAT 103 NGD-17 276 NH-120B 331 NH-121B 331 NH-129 331 NH-150 132 NH-260 144 NH-260NB 144 NH-270 144 NH-270 144 NH-300 133 NH-350AT 134	NHMIC-485 . 46 NHMIC-585 . 48 NHMIC-585 . 50 NHMICD-412 . 46 NHMICD-612 . 50 NHMICD-620 . 50 NHP-113EL . 88 NHP-118EL . 88 NHP-118EL . 106 NHP-13/2LEL . 106 NHP-13EL . 103 NHP-13/2LE . 103 NHP-13HE . 103 NHP-13HE . 103 NHP-13HE . 103	NHPIC-926/32EAT 107 NHPM-7100/EL 117 NHPM-735/FL 117 NHPM-750/FL 117 NHPM-770/EL 117 NHPM-770/EL 117 NHPSIC-13ELAT 102 NHPSIC-18ELAT 102 NHPSIC-18ELAT 102 NHPSIC-26ELAT 102 NHPSIC-26ELAT 87 NHPT-18EL 87 NHPT-18EL 87 NHPT-613EL 87 NHPT6-13EL 87 NHPT6-13EL 87 NHPT6-13EL 87 NHPT6-13EL 87
NFBPIC-526ELAT 98 NFBPIC-613ELAT 103 NFBPIC-613ELAT 103 NFBPIC-626ELAT 103 NGD-17 276 NH-120B 331 NH-121B 331 NH-129 331 NH-130 331 NH-150 132 NH-260 144 NH-270 144 NH-270 144 NH-270 133 NH-300 133 NH-300 133 NH-350AT 134 NH4PV 83	NHMIC-485 . 46 NHMIC-585 . 48 NHMIC-685 . 50 NHMICD-412 . 46 NHMICD-612 . 50 NHMICD-620 . 50 NHP-113EL . 88 NHP-113EL . 88 NHP-113/2LEL . 106 NHP-13/2LEL . 106 NHP-13/2LEL . 103 NHP-13M . 103 NHP-13M . 103 NHP-18/LEL . 103 NHP-18/LEL . 103 NHP-18/LEL . 106	NHPIC-926/32EAT 107 NHPM-7100/EL 117 NHPM-735/EL 117 NHPM-750/EL 117 NHPM-750/EL 117 NHPSIC-13ELAT 102 NHPSIC-13ELAT 102 NHPSIC-18ELAT 102 NHPSIC-18ELAT 87 NHPT-18EL 87 NHPT-18EL 87 NHPT-642EL 87 NHPT6-18EL 87 NHPV6-13 85
NFBPIC-526ELAT 98 NFBPIC-613ELAT 103 NFBPIC-613ELAT 103 NFBPIC-616BLAT 103 NFBPIC-626ELAT 103 NFBPIC-626ELAT 313 NFD-17 276 NH-120B 331 NH-121B 331 NH-129 331 NH-150 132 NH-260 144 NH-260NB 144 NH-270 144 NH-270 133 NH-350AT 133 NH-350AT 134 NH4PV 83 NH-49V 83 NH-5910 142	NHMIC-485 . 46 NHMIC-585 . 48 NHMIC-585 . 50 NHMICD-412 . 46 NHMICD-612 . 50 NHMICD-620 . 50 NHP-113EL . 88 NHP-118EL . 88 NHP-126EL . 88 NHP-13/2LEL . 106 NHP-13/2LEL . 103 NHP-13BL . 103 NHP-18BL . 103	NHPIC-926/32EAT 107 NHPM-7100/EL 117 NHPM-735/EL 117 NHPM-750/EL 117 NHPM-770/EL 117 NHPSIC-13ELAT 102 NHPSIC-13ELAT 102 NHPSIC-26ELAT 102 NHPSIC-26ELAT 87 NHPT-13EL 87 NHPT-18EL 87 NHPT-18EL 87 NHPT-6-13EL 87 NHPT6-13EL 87 NHPV-13 85 NHPV-13 85 NHPV-18 85
NFBPIC-526ELAT 98 NFBPIC-613ELAT 103 NFBPIC-613ELAT 103 NFBPIC-626ELAT 103 NGD-17 276 NH-120B 331 NH-121B 331 NH-129 331 NH-130 331 NH-150 132 NH-260 144 NH-270 144 NH-270 144 NH-270 133 NH-300 133 NH-300 133 NH-350AT 134 NH4PV 83	NHMIC-485 . 46 NHMIC-585 . 48 NHMIC-685 . 50 NHMICD-412 . 46 NHMICD-612 . 50 NHMICD-620 . 50 NHP-113EL . 88 NHP-113EL . 88 NHP-113/2LEL . 106 NHP-13/2LEL . 106 NHP-13/2LEL . 103 NHP-13M . 103 NHP-13M . 103 NHP-18/LEL . 103 NHP-18/LEL . 103 NHP-18/LEL . 106	NHPIC-926/32EAT 107 NHPM-7100/EL 117 NHPM-735/EL 117 NHPM-750/EL 117 NHPM-770/EL 117 NHPSIC-13ELAT 102 NHPSIC-13ELAT 102 NHPSIC-26ELAT 102 NHPSIC-26ELAT 87 NHPT-13EL 87 NHPT-18EL 87 NHPT-18EL 87 NHPT-6-13EL 87 NHPT6-13EL 87 NHPV-13 85 NHPV-13 85 NHPV-18 85
NFBPIC-526ELAT 98 NFBPIC-613ELAT 103 NFBPIC-618ELAT 103 NFBPIC-618ELAT 103 NFBPIC-626ELAT 103 NFBPIC-626ELAT 103 NFBPIC-626ELAT 331 NFBPIC-626ELAT 103 NFBPIC-618ELAT	NHMIC-485	NHPIC-926/32EAT 107 NHPM-7100/EL 117 NHPM-750/EL 117 NHPM-750/EL 117 NHPM-770/EL 117 NHPM-770/EL 117 NHPSIC-13ELAT 102 NHPSIC-18ELAT 102 NHPSIC-18ELAT 102 NHPSIC-26ELAT 87 NHPT-18EL 87 NHPT-18EL 87 NHPT-613EL 87 NHPT6-13EL 87 NHPT6-13EL 87 NHPT6-13EL 87 NHPT6-13EL 87 NHPV6-18EL 87 NHPV6-18EL 87 NHPV6-18EL 87 NHPV6-18 85 NHPV-18 85 NHPV-18 85 NHPV-164 85
NFBPIC-526ELAT 98 NFBPIC-613ELAT 103 NFBPIC-618ELAT 103 NFBPIC-626ELAT 103 NGD-17 276 NH-120B 331 NH-129 331 NH-129 331 NH-130 331 NH-150 132 NH-260 144 NH-260NB 144 NH-270 144 NH-270 144 NH-300 133 NH-350AT 134 NH-4V 83 NH-45010 142 NH4PV 83 NH-5010 142 NH8PU-113EL 92	NHMIC-485 . 46 NHMIC-585 . 48 NHMIC-685 . 50 NHMICD-412 . 46 NHMICD-612 . 50 NHMICD-620 . 50 NHMICD-18EL . 88 NHP-118EL . 88 NHP-126EL . 88 NHP-13/2LE . 106 NHP-13/2LG . 106 NHP-13/2LG . 106 NHP-13EL . 103 NHP-18EL . 103 NHP-18EL . 103 NHP-18H_2 . 106 NHP-18EL . 88 NHP-218EL . 88 NHP-218EL . 88 NHP-218EL . 88 NHP-218EL . 88	NHPIC-926/32EAT 107 NHPM-7100/EL 117 NHPM-735/EL 117 NHPM-750/EL 117 NHPM-750/EL 117 NHPSIC-13ELAT 102 NHPSIC-13ELAT 102 NHPSIC-13ELAT 102 NHPSIC-26ELAT 102 NHPSIC-26ELAT 87 NHPT-18EL 87 NHPT-18EL 87 NHPT6-13EL 87 NHPT6-13EL 87 NHPT6-13EL 87 NHPT6-13EL 87 NHPT6-13EL 87 NHPT6-13EL 87 NHPT6-14EL 87 NHPV-13 87 NHPV-18 85 NHPV-18 85 NHPV-18 85 NHPV-18 85 NHPV-2642 85 NHPV-2642 85
NFBPIC-526ELAT 98 NFBPIC-613ELAT 103 NFBPIC-618ELAT 103 NFBPIC-618ELAT 103 NFBPIC-626ELAT 103 NFBPIC-626ELAT 103 NFBPIC-626ELAT 331 NFBPIC-626ELAT 103 NFBPIC-618ELAT	NHMIC-485 . 46 NHMIC-585 . 48 NHMIC-585 . 50 NHMICD-412 . 46 NHMICD-612 . 50 NHMICD-620 . 50 NHP-113EL . 88 NHP-118EL . 88 NHP-126EL . 88 NHP-13/2LE . 106 NHP-13/2LE . 103 NHP-13BL . 103 NHP-18EL . 103 NHP-18EL . 103 NHP-18EL . 103 NHP-18EL . 103 NHP-218EL . 88 NHP-218EL . 88 NHP-216EL . 88 NHP-216EL . 103 NHP-218EL . 88 NHP-216EL . 88 NHP-216EL . 88 NHP-26/ELEL . 106	NHPIC-926/32EAT 107 NHPM-7100/EL 117 NHPM-735/EL 117 NHPM-750/EL 117 NHPM-770/EL 117 NHPSIC-13ELAT 102 NHPSIC-13ELAT 102 NHPSIC-26ELAT 102 NHPSIC-26ELAT 102 NHPT-13EL 87 NHPT-18EL 87 NHPT-18EL 87 NHPT-6-13EL 87 NHPT-6-13EL 87 NHPT-18BL 87 NHPT-18BL 87 NHPT-18BL 87 NHPT-18BL 87 NHPV-18 87 NHPV-13 85 NHPV-13 85 NHPV-18 85 NHPV-2642 85 NHPV-4 83 NHPV-4 83 NHPV-613 85
NFBPIC-526ELAT 98 NFBPIC-613ELAT 103 NFBPIC-613ELAT 103 NFBPIC-616ELAT 103 NFBPIC-626ELAT 103 NFBPIC-626ELAT 313 NFD-17 276 NH-120B 331 NH-121B 331 NH-129 331 NH-150 132 NH-260 144 NH-260NB 144 NH-270 144 NH-300 133 NH-350AT 134 NH-300 133 NH-350AT 134 NH-950 142 NH8PU-118EL 92 NH8PU-118EL 92 NH8PU-118EL 92	NHMIC-485 . 46 NHMIC-585 . 48 NHMIC-585 . 50 NHMICD-412 . 46 NHMICD-612 . 50 NHMICD-620 . 50 NHP-113EL . 88 NHP-118EL . 88 NHP-126EL . 88 NHP-13/2LE . 106 NHP-13/2LE . 103 NHP-13BL . 103 NHP-18EL . 103 NHP-18EL . 103 NHP-18EL . 103 NHP-18EL . 103 NHP-218EL . 88 NHP-218EL . 88 NHP-216EL . 88 NHP-216EL . 103 NHP-218EL . 88 NHP-216EL . 88 NHP-216EL . 88 NHP-26/ELEL . 106	NHPIC-926/32EAT 107 NHPM-7100/EL 117 NHPM-735/EL 117 NHPM-750/EL 117 NHPM-770/EL 117 NHPSIC-13ELAT 102 NHPSIC-13ELAT 102 NHPSIC-26ELAT 102 NHPSIC-26ELAT 102 NHPT-13EL 87 NHPT-18EL 87 NHPT-18EL 87 NHPT-6-13EL 87 NHPT-6-13EL 87 NHPT-18BL 87 NHPT-18BL 87 NHPT-18BL 87 NHPT-18BL 87 NHPV-18 87 NHPV-13 85 NHPV-13 85 NHPV-18 85 NHPV-2642 85 NHPV-4 83 NHPV-4 83 NHPV-613 85
NFBPIC-526ELAT 98 NFBPIC-613ELAT 103 NFBPIC-613ELAT 103 NFBPIC-615BLAT 103 NFBPIC-626ELAT 103 NGD-17 276 NH-120B 331 NH-121B 331 NH-129 331 NH-150 132 NH-26Q 144 NH-26QN 144 NH-27Q 144 NH-27Q 144 NH-27Q 144 NH-300 133 NH-350AT 134 NH-49V 83 NH-350AT 134 NH4PV 83 NH-5010 142 NH8PU-118EL 92 NH8PU-116EL 92 NH8PU-116EL 92 NH8PU-116EL 92 NH8PU-116EL 92	NHMIC-485 . 46 NHMIC-585 . 48 NHMIC-685 . 50 NHMICD-412 . 46 NHMICD-612 . 50 NHMICD-620 . 50 NHP-113EL . 88 NHP-118EL . 88 NHP-118EL . 106 NHP-13ZLD . 106 NHP-13IL . 103 NHP-13IL . 106 NHP-213EL . 88 NHP-26IL . 106 NHP-26IL . 106 NHP-26IL . 106 NHP-26IL . 106 NHP-26IL . 103 NHP-26IL . 103	NHPIC-926/32EAT 107 NHPM-7100/EL 117 NHPM-735/EL 117 NHPM-750/EL 117 NHPM-770/EL 117 NHPM-770/EL 117 NHPSIC-13ELAT 102 NHPSIC-18ELAT 102 NHPSIC-18ELAT 102 NHPSIC-26ELAT 87 NHPT-18EL 87 NHPT-18EL 87 NHPT-6-13EL 87 NHPT6-13EL 87 NHPT6-13EL 87 NHPV-613EL 87 NHPV-13 85 NHPV-13 85 NHPV-13 85 NHPV-13 85 NHPV-13 85 NHPV-13 85 NHPV-14 83 NHPV-613 85 NHPV-613 85 NHPV-613 85
NFBPIC-526ELAT 98 NFBPIC-613ELAT 103 NFBPIC-618ELAT 103 NFBPIC-63EELAT 103 NGD-17 276 NH-120B 331 NH-121B 331 NH-129 331 NH-150 132 NH-260 144 NH-260NB 144 NH-270 144 NH-270 144 NH-300 133 NH-350AT 134 NH-4V 83 NH-5010 142 NH8PU-118EL 92 NH8PU-118EL 92 NH8PU-218EL 92 NH8PU-218EL 92	NHMIC-485 . 46 NHMIC-585 . 48 NHMIC-585 . 50 NHMICD-412 . 46 NHMICD-612 . 50 NHMICD-620 . 50 NHMICD-620 . 50 NHP-113EL . 88 NHP-118EL . 88 NHP-118EL . 106 NHP-13/2LE . 106 NHP-13/2LE . 106 NHP-13EL . 103 NHP-13/LE . 103 NHP-13HE . 103 NHP-13HE . 103 NHP-13HE . 103 NHP-13HE . 103 NHP-13EL . 106 NHP-18EL . 103 NHP-18EL . 103 NHP-213EL . 88 NHP-218EL . 88 NHP-218EL . 88 NHP-218EL . 88 NHP-26/2LE . 106 NHP-2642EL . 106 NHP-2642EL . 106 NHP-2642EL . 106 NHP-2642EL . 103 NHP-501/13EL . 98 NHP-501/13EL . 98	NHPIC-926/32EAT 107 NHPM-7100/EL 117 NHPM-750/EL 117 NHPM-750/EL 117 NHPM-770/EL 117 NHPM-770/EL 117 NHPSIC-13ELAT 102 NHPSIC-18ELAT 102 NHPSIC-18ELAT 102 NHPSIC-26ELAT 87 NHPT-18EL 87 NHPT-18EL 87 NHPT-613EL 87 NHPT6-13EL 87 NHPT6-13EL 87 NHPV-18 85 NHPV-613 85 NHPV-613 85 NHPV-613 85 NHPV-613 85 NHPV-6142 85 NHPV-6142 85
NFBPIC-526ELAT 98 NFBPIC-613ELAT 103 NFBPIC-613ELAT 103 NFBPIC-615BLAT 103 NFBPIC-626ELAT 103 NGD-17 276 NH-120B 331 NH-121B 331 NH-129 331 NH-150 132 NH-26Q 144 NH-26QN 144 NH-27Q 144 NH-27Q 144 NH-27Q 144 NH-300 133 NH-350AT 134 NH-49V 83 NH-350AT 134 NH4PV 83 NH-5010 142 NH8PU-118EL 92 NH8PU-116EL 92 NH8PU-116EL 92 NH8PU-116EL 92 NH8PU-116EL 92	NHMIC-485 . 46 NHMIC-585 . 48 NHMIC-685 . 50 NHMICD-412 . 46 NHMICD-612 . 50 NHMICD-620 . 50 NHP-113EL . 88 NHP-118EL . 88 NHP-118EL . 106 NHP-13ZLD . 106 NHP-13IL . 103 NHP-13IL . 106 NHP-213EL . 88 NHP-26IL . 106 NHP-26IL . 106 NHP-26IL . 106 NHP-26IL . 106 NHP-26IL . 103 NHP-26IL . 103	NHPIC-926/32EAT 107 NHPM-7100/EL 117 NHPM-735/EL 117 NHPM-750/EL 117 NHPM-770/EL 117 NHPM-770/EL 117 NHPSIC-13ELAT 102 NHPSIC-18ELAT 102 NHPSIC-18ELAT 102 NHPSIC-26ELAT 87 NHPT-18EL 87 NHPT-18EL 87 NHPT-6-13EL 87 NHPT6-13EL 87 NHPT6-13EL 87 NHPV-613EL 87 NHPV-13 85 NHPV-13 85 NHPV-13 85 NHPV-13 85 NHPV-13 85 NHPV-13 85 NHPV-14 83 NHPV-613 85 NHPV-613 85 NHPV-613 85
NFBPIC-526ELAT 98 NFBPIC-613ELAT 103 NFBPIC-613ELAT 103 NFBPIC-616BLAT 103 NFBPIC-626ELAT 103 NFBPIC-626ELAT 103 NFBPIC-626ELAT 313 NF-120B 331 NF-120B 331 NF-150 132 NF-260 144 NF-260 144 NF-260 144 NF-260 144 NF-270 144 NF-300 133 NF-50AT 134 N	NHMIC-485 46 NHMIC-585 48 NHMIC-585 50 NHMICD-412 46 NHMICD-612 50 NHMICD-612 50 NHP-113EL 88 NHP-118EL 88 NHP-126EL 88 NHP-13/2LE 106 NHP-18EL 103 NHP-18L 103 NHP-18L 103 NHP-18L 103 NHP-218L 88 NHP-26/2LE 106 NHP-26/2LE 106 NHP-264/2LE 103 NHP-264/2LE 103 NHP-264/2LE 103 NHP-261/13EL 98 NHP-261/13EL 98 NHP-261/13EL 98	NHPIC-926/32EAT 107 NHPM-7100/EL 117 NHPM-735/EL 117 NHPM-750/EL 117 NHPM-770/EL 117 NHPSIC-13ELAT 102 NHPSIC-13ELAT 102 NHPSIC-3ELAT 102 NHPSIC-3ELAT 102 NHPT-13EL 87 NHPT-13EL 87 NHPT-161-18EL 87 NHPT-642EL 87 NHPT-642EL 87 NHPC-642EL 87 NHPV-13 85 NHPV-13 85 NHPV-13 85 NHPV-18 85 NHPV-664 83 NHPV-61 85 NHPV-62642 85 NHPV-61 85 NHPV-61 85 NHPV-61 85 NHPV-61 85 NHPV-62642 85 NHPV-61 85
NFBPIC-526ELAT 98 NFBPIC-613ELAT 103 NFBPIC-613ELAT 103 NFBPIC-616BLAT 103 NFBPIC-626ELAT 103 NFBPIC-626ELAT 103 NFBPIC-626ELAT 331 NF-120B 331 NF-121B 331 NF-129 331 NF-150 132 NF-260 144 NF-270 14	NHMIC-485 . 46 NHMIC-585 . 48 NHMIC-585 . 50 NHMICD-412 . 46 NHMICD-612 . 50 NHMICD-612 . 50 NHMICD-620 . 50 NHP-113EL . 88 NHP-118EL . 88 NHP-126EL . 88 NHP-13/2LE . 106 NHP-13/2LE . 106 NHP-13/2LE . 103 NHP-18EL . 103 NHP-18EL . 103 NHP-18EL . 103 NHP-18EL . 103 NHP-218EL . 88 NHP-26/2LE . 106 NHP-26/2LE . 106 NHP-26/2LE . 106 NHP-26/2LE . 106 NHP-50/1/18EL . 98 NHP-501/18EL . 98	NHPIC-926/32EAT 107 NHPM-7100/EL 117 NHPM-735/EL 117 NHPM-750/EL 117 NHPM-770/EL 117 NHPM-770/EL 117 NHPSIC-13ELAT 102 NHPSIC-18ELAT 102 NHPSIC-26ELAT 102 NHPSIC-26ELAT 87 NHPT-13EL 87 NHPT-18EL 87 NHPT-6-13EL 87 NHPT-6-13EL 87 NHPT6-13EL 87 NHPT6-13EL 87 NHPV-13 85 NHPV-13 85 NHPV-13 85 NHPV-13 85 NHPV-13 85 NHPV-13 85 NHPV-14 83 NHPV-614 83 NHPV-615 85 NHPV-618 85 NHPV-818EL 90 NHPV-818EL 90
NFBPIC-526ELAT 98 NFBPIC-613ELAT 103 NFBPIC-613ELAT 103 NFBPIC-618ELAT 103 NFBPIC-626ELAT 103 NFBPIC-63ELAT 103 NF	NHMIC-485 . 46 NHMIC-585 . 48 NHMIC-685 . 50 NHMICD-412 . 46 NHMICD-612 . 50 NHMICD-612 . 50 NHMICD-12 . 50 NHP-113EL . 88 NHP-118EL . 88 NHP-13FL . 106 NHP-13FL . 106 NHP-13FL . 103 NHP-13FL . 103 NHP-13FL . 103 NHP-18FL . 103 NHP-213EL . 88 NHP-2642EL . 103 NHP-501/13EL . 98 NHP-6113EL . 88 NHP-501/13EL . 88 NHP-501/13EL . 88 NHP-6113EL . 88 NHP6-113EL . 88	NHPIC-926/32EAT 107 NHPM-7100/EL 117 NHPM-735/EL 117 NHPM-750/EL 117 NHPM-770/EL 117 NHPM-770/EL 117 NHPSIC-13ELAT 102 NHPSIC-18ELAT 102 NHPSIC-18ELAT 102 NHPSIC-26ELAT 102 NHPT-13EL 87 NHPT-18EL 87 NHPT-18EL 87 NHPT-613EL 87 NHPT6-13EL 87 NHPV-613EL 87 NHPV-13 85 NHPV-13 85 NHPV-13 85 NHPV-13 85 NHPV-14 83 NHPV-15 85 NHPV-161 85 NHPV-612 85 NHPV-613 85 NHPV-613 85 NHPV-613 85 NHPV-614 83 NHPV-615 85 NHPV-615 90 NHPV-818EL 90 NHPV-818EL 90 NHPV-818EL 90 NHPV-814EL 90 NHPV-815642EL 90 NHPV-8150/E42EL 90
NFBPIC-526ELAT 98 NFBPIC-613ELAT 103 NFBPIC-613ELAT 103 NFBPIC-616BLAT 103 NFBPIC-626ELAT 103 NFBPIC-626ELAT 103 NFBPIC-626ELAT 331 NF-120B 331 NF-121B 331 NF-129 331 NF-150 132 NF-260 144 NF-270 14	NHMIC-485 . 46 NHMIC-585 . 48 NHMIC-585 . 50 NHMICD-412 . 46 NHMICD-612 . 50 NHMICD-612 . 50 NHMICD-620 . 50 NHP-113EL . 88 NHP-118EL . 88 NHP-126EL . 88 NHP-13/2LE . 106 NHP-13/2LE . 106 NHP-13/2LE . 103 NHP-18EL . 103 NHP-18EL . 103 NHP-18EL . 103 NHP-18EL . 103 NHP-218EL . 88 NHP-26/2LE . 106 NHP-26/2LE . 106 NHP-26/2LE . 106 NHP-26/2LE . 106 NHP-50/1/18EL . 98 NHP-501/18EL . 98	NHPIC-926/32EAT 107 NHPM-7100/EL 117 NHPM-735/EL 117 NHPM-750/EL 117 NHPM-770/EL 117 NHPM-770/EL 117 NHPSIC-13ELAT 102 NHPSIC-18ELAT 102 NHPSIC-26ELAT 102 NHPSIC-26ELAT 87 NHPT-13EL 87 NHPT-18EL 87 NHPT-6-13EL 87 NHPT-6-13EL 87 NHPT6-13EL 87 NHPT6-13EL 87 NHPV-13 85 NHPV-13 85 NHPV-13 85 NHPV-13 85 NHPV-13 85 NHPV-13 85 NHPV-14 83 NHPV-614 83 NHPV-615 85 NHPV-618 85 NHPV-818EL 90 NHPV-818EL 90
NFBPIC-526ELAT 98 NFBPIC-613ELAT 103 NFBPIC-613ELAT 103 NFBPIC-616BLAT 103 NFBPIC-626ELAT 103 NFBPIC-626ELAT 103 NFBPIC-626ELAT 331 NH-121B 331 NH-121B 331 NH-129 331 NH-150 132 NH-260 144 NH-260 144 NH-260NB 144 NH-270 144 NH-300 133 NH-350AT 134 NH-5010 132 NH-5010 192 NHBPU-118EL 92 NHBPU-118EL 92 NHBPU-118EL 92 NHBPU-12642EL 92 NHBPU-126EL 90 NHBPU-13EL 90 NHBPU-13EL 90 NHBPU-13EL 90	NHMIC-485	NHPIC-926/32EAT 107 NHPM-7100/EL 117 NHPM-735/EL 117 NHPM-750/EL 117 NHPM-770/EL 117 NHPM-770/EL 117 NHPSIC-13ELAT 102 NHPSIC-13ELAT 102 NHPSIC-26ELAT 102 NHPSIC-26ELAT 87 NHPT-13EL 87 NHPT-13EL 87 NHPT-642EL 87 NHPT-6-13EL 87 NHPT-6-14EL 87 NHPT-6-15EL 87 NHPV-161 85 NHPV-18 85 NHPV-18 85 NHPV-18 85 NHPV-18 85 NHPV-2642 85 NHPV-613 85 NHPV-614 89 NHPV-615 85 NHPV-85642E 90 NHPV-85642E 90 NHPV-85642E 90 NHPV-8150 132 NHPV-8150 132
NFBPIC-526ELAT 98 NFBPIC-613ELAT 103 NFBPIC-613ELAT 103 NFBPIC-616BLAT 103 NFBPIC-626ELAT 103 NFBPIC-626ELAT 103 NFBPIC-626ELAT 313 NF-120B 331 NF-121B 331 NF-129 331 NF-150 132 NF-260 144 NF-270 198 NF-250AT 134 NF-50AT 135 NF-50AT 134 NF-50AT 135 NF-50AT 1	NHMIC-485. 46 NHMIC-585. 48 NHMIC-585. 50 NHMICD-412. 46 NHMICD-612. 50 NHMICD-612. 50 NHMICD-620. 50 NHP-113EL. 88 NHP-118EL. 88 NHP-126EL. 88 NHP-13/2LE. 106 NHP-13/2LE. 106 NHP-13/2LE. 106 NHP-13/2LE. 103 NHP-18EL. 103 NHP-18EL. 103 NHP-18EL. 103 NHP-18EL. 103 NHP-218EL. 88 NHP-26/2LE. 106 NHP-151E. 88 NHP-218EL. 88 NHP-26/11EL. 106 NHP-151E. 88 NHP-218EL. 88 NHP-26/11EL. 106 NHP-151EL. 88 NHP-26/11EL. 88 NHP-501/13EL. 88 NHP-501/13EL. 88 NHP-501/13EL. 88 NHP-6113EL. 88 NHP-6113EL. 88 NHP-6113EL. 88 NHP6-113EL. 88 NHP6-113EL. 88 NHP6-113EL. 88 NHP6-113EL. 88	NHPIC-926/32EAT 107 NHPM-7100/EL 117 NHPM-735/EL 117 NHPM-750/EL 117 NHPM-770/EL 117 NHPM-770/EL 117 NHPSIC-13ELAT 102 NHPSIC-13ELAT 102 NHPSIC-26ELAT 102 NHPSIC-26ELAT 102 NHPT-13EL 87 NHPT-13EL 87 NHPT-18EL 87 NHPT-613EL 87 NHPT-6-13EL 87 NHPT-6-2642EL 87 NHPV-13 85 NHPV-13 85 NHPV-13 85 NHPV-13 85 NHPV-14 83 NHPV-613 85 NHPV-614 83 NHPV-615 85 NHPV-618 85 NHPV-818EL 90 NHPV-818EL 90 NHPV-818EL 90 NHPV-818EL 90 NHPV-818EL 90 NHPV-82642EL 90 NHPV-82642 90 NHPV-82642 90 NHPV-8160 132
NFBPIC-526ELAT 98 NFBPIC-613ELAT 103 NFBPIC-613ELAT 103 NFBPIC-615BLAT 103 NFBPIC-626ELAT 103 NGD-17 276 NH-120B 331 NH-121B 331 NH-129 331 NH-130 132 NH-26Q 144 NH-26QNB 144 NH-27Q 144 NH-27Q 144 NH-27Q 144 NH-27Q 144 NH-300 133 NH-350AT 134 NH-49V 83 NH-350AT 134 NH-4PV 83 NH-59L1 13EL 92 NH8PU-118EL 92 NH8PU-118EL 92 NH8PU-1264EL 92 NH8PU-216EL 90 NH8PV-18EL 90 NH8PV-16G0 148 NHAV-6150 132	NHMIC-485 . 46 NHMIC-585 . 48 NHMIC-585 . 50 NHMICD-412 . 46 NHMICD-612 . 50 NHMICD-620 . 50 NHP-113EL . 88 NHP-118EL . 88 NHP-112EL . 106 NHP-13/2LE . 106 NHP-13L . 103 NHP-13H . 103 NHP-13H . 103 NHP-18EL . 103 NHP-501/18EL . 88 NHP6-113EL . 88 NHP6-113EL . 88 NHP6-113EL . 88 NHP6-126EL . 88 NHP6-126EL . 88 NHP6-213EL . 88	NHPIC-926/32EAT 107 NHPM-7100/EL 117 NHPM-735/EL 117 NHPM-750/EL 117 NHPM-750/EL 117 NHPM-770/EL 117 NHPSIC-13ELAT 102 NHPSIC-18ELAT 102 NHPSIC-18ELAT 102 NHPSIC-26ELAT 102 NHPSIC-26ELAT 87 NHPT-18EL 87 NHPT-18EL 87 NHPT-613EL 87 NHPT-6-18EL 87 NHPV-6-18EL 87 NHPV-6-18 85 NHPV-18 85 NHPV-18 85 NHPV-618 85 NHPV-618 85 NHPV-618 85 NHPV-618 85 NHPV-618 85 NHPV-818EL 90 NHPV-8169 132 NHR-260 144 NHR-260 144 NHR-260 144 NHR-270 144
NFBPIC-526ELAT 98 NFBPIC-613ELAT 103 NFBPIC-613ELAT 103 NFBPIC-616BLAT 103 NFBPIC-626ELAT 103 NFBPIC-626ELAT 103 NFBPIC-626ELAT 313 NF-120B 331 NF-121B 331 NF-129 331 NF-150 132 NF-260 144 NF-270 198 NF-250AT 134 NF-50AT 135 NF-50AT 134 NF-50AT 135 NF-50AT 1	NHMIC-485. 46 NHMIC-585. 48 NHMIC-585. 50 NHMICD-412. 46 NHMICD-612. 50 NHMICD-612. 50 NHMICD-620. 50 NHP-113EL. 88 NHP-118EL. 88 NHP-126EL. 88 NHP-13/2LE. 106 NHP-13/2LE. 106 NHP-13/2LE. 106 NHP-13/2LE. 103 NHP-18EL. 103 NHP-18EL. 103 NHP-18EL. 103 NHP-18EL. 103 NHP-218EL. 88 NHP-26/2LE. 106 NHP-151E. 88 NHP-218EL. 88 NHP-26/11EL. 106 NHP-151E. 88 NHP-218EL. 88 NHP-26/11EL. 106 NHP-151EL. 88 NHP-26/11EL. 88 NHP-501/13EL. 88 NHP-501/13EL. 88 NHP-501/13EL. 88 NHP-6113EL. 88 NHP-6113EL. 88 NHP-6113EL. 88 NHP6-113EL. 88 NHP6-113EL. 88 NHP6-113EL. 88 NHP6-113EL. 88	NHPIC-926/32EAT 107 NHPM-7100/EL 117 NHPM-735/EL 117 NHPM-750/EL 117 NHPM-770/EL 117 NHPM-770/EL 117 NHPSIC-13ELAT 102 NHPSIC-13ELAT 102 NHPSIC-26ELAT 102 NHPSIC-26ELAT 102 NHPT-13EL 87 NHPT-13EL 87 NHPT-18EL 87 NHPT-613EL 87 NHPT-6-13EL 87 NHPT-6-2642EL 87 NHPV-13 85 NHPV-13 85 NHPV-13 85 NHPV-13 85 NHPV-14 83 NHPV-613 85 NHPV-614 83 NHPV-615 85 NHPV-618 85 NHPV-818EL 90 NHPV-818EL 90 NHPV-818EL 90 NHPV-818EL 90 NHPV-818EL 90 NHPV-82642EL 90 NHPV-82642 90 NHPV-82642 90 NHPV-8160 132
NFBPIC-526ELAT 98 NFBPIC-613ELAT 103 NFBPIC-613ELAT 103 NFBPIC-616BLAT 103 NFBPIC-626ELAT 103 NFBPIC-626ELAT 103 NFBPIC-626ELAT 331 NH-120B 331 NH-121B 331 NH-129 331 NH-150 132 NH-260 144 NH-260 144 NH-260 144 NH-260NB 144 NH-270 144 NH-300 133 NH-350AT 134 NH-550AT 134 NH-5010 142 NH8PU-118EL 92 NH8PU-118EL 92 NH8PU-118EL 92 NH8PU-12642EL 92 NH8PU-126EL 92 NH8PU-13EL 90 NH8PU-13EL 90 NH8PU-13EL 90 NH8PU-13EL 90 NH8PU-13EL 90 NH8PU-14EL 90 NH8PU-14EL 90 NH8PU-15EL 90 NH8PU-2642EL 90 NH8PU-2642EL 90 NH8PU-644EL 90 NH8PU-644EL 90 NH8PU-644EL 90 NH8PU-644EL 90 NH8PU-644EL 90 NH8PU-664EL 90 NH9PC-644EL 313	NHMIC-485 . 46 NHMIC-585 . 48 NHMIC-685 . 50 NHMICD-412 . 46 NHMICD-612 . 50 NHMICD-612 . 50 NHMICD-620 . 50 NHP-113EL . 88 NHP-118EL . 88 NHP-118EL . 106 NHP-13/2LE . 106 NHP-13/2LE . 106 NHP-13/2LE . 103 NHP-13/2LE . 103 NHP-15M . 103 NHP-15M . 103 NHP-15M . 103 NHP-15M . 103 NHP-18EL . 103 NHP-18EL . 103 NHP-213EL . 88 NHP-213EL . 88 NHP-213EL . 88 NHP-218EL . 88 NHP-26/2LE . 106 NHP-264/2EL . 106 NHP-264/2EL . 103 NHP-501/13EL . 98 NHP-61/13EL . 88 NHP6-113EL . 88 NHP6-113EL . 88 NHP6-213EL . 88 NHP6-216EL . 88 NHP6-216EL . 88 NHP6-216EL . 88	NHPIC-926/32EAT 107 NHPM-7100/EL 117 NHPM-750/EL 117 NHPM-750/EL 117 NHPM-750/EL 117 NHPM-770/EL 117 NHPSIC-13ELAT 102 NHPSIC-13ELAT 102 NHPSIC-13ELAT 102 NHPSIC-13ELAT 87 NHPT-13EL 87 NHPT-18EL 87 NHPT-642EL 87 NHPT6-13EL 87 NHPT6-13EL 87 NHPV-18 85 NHPV-19 85 NH
NFBPIC-526ELAT 98 NFBPIC-613ELAT 103 NFBPIC-613ELAT 103 NFBPIC-616ELAT 103 NFBPIC-626ELAT 103 NFBPIC-626ELAT 103 NFBPIC-626ELAT 313 NF-120B 331 NF-121B 331 NF-129 331 NF-150 132 NF-260 144 NF-260N 144 NF-260N 144 NF-260N 144 NF-270 144 NF-260N 133 NF-350AT 134 NF-350AT 134 NF-5010 142 NFBPU-118EL 92 NFBPU-118EL 92 NFBPU-118EL 92 NFBPU-1264ZEL 92 NFBPU-1264ZEL 92 NFBPU-1264ZEL 92 NFBPU-18EL 90 NFBPU-264ZEL 90 NFBPU-264ZEL 91 NFBPU-264ZEL 91 NFBPU-264ZEL 91 NFBPU-264ZEL 91 NFBPU-364ZEL 91 NFBPU-	NHMIC-485 . 46 NHMIC-585 . 48 NHMIC-585 . 50 NHMICD-412 . 46 NHMICD-612 . 50 NHMICD-612 . 50 NHMICD-620 . 50 NHP-113EL . 88 NHP-118EL . 88 NHP-126EL . 88 NHP-13/2LE . 106 NHP-13/2LE . 106 NHP-13/2LE . 106 NHP-13/2LE . 103 NHP-13EL . 103 NHP-18EL . 88 NHP-26/2LE . 106 NHP-16/21EL . 88 NHP-50/1/18EL . 88 NHP-6/11EL . 88 NHP-6-11/3EL . 88 NHP-6-11/3EL . 88 NHP-6-11/3EL . 88 NHP6-11/3EL . 88	NHPIC-926/32EAT 107 NHPM-7100/EL 117 NHPM-735/EL 117 NHPM-735/EL 117 NHPM-750/EL 117 NHPM-770/EL 117 NHPSIC-13ELAT 102 NHPSIC-13ELAT 102 NHPSIC-26ELAT 102 NHPSIC-26ELAT 102 NHPT-13EL 87 NHPT-13EL 87 NHPT-18EL 87 NHPT-613EL 87 NHPT-642EL 87 NHPV-138L 87 NHPV-642EL 87 NHPV-13 85 NHPV-13 85 NHPV-13 85 NHPV-13 85 NHPV-13 85 NHPV-18 85 NHPV-4 83 NHPV-613 85 NHPV-613 85 NHPV-613 85 NHPV-613 85 NHPV-613 85 NHPV-813EL 90 NHPV-8148EL 90 NHPV-815EL 90 NHPV-815EL 90 NHPV-815EL 90 NHPV-8160 132 NHPV-8160 144 NHR-260 144 NHR-270 144 NHR-270 144 NHR-270 144
NFBPIC-526ELAT 98 NFBPIC-613ELAT 103 NFBPIC-613ELAT 103 NFBPIC-616BLAT 103 NFBPIC-626ELAT 103 NFBPIC-626ELAT 103 NFBPIC-626ELAT 331 NH-120B 331 NH-121B 331 NH-129 331 NH-150 132 NH-260 144 NH-260 144 NH-260 144 NH-260NB 144 NH-270 144 NH-300 133 NH-350AT 134 NH-550AT 134 NH-5010 142 NH8PU-118EL 92 NH8PU-118EL 92 NH8PU-118EL 92 NH8PU-12642EL 92 NH8PU-126EL 92 NH8PU-13EL 90 NH8PU-13EL 90 NH8PU-13EL 90 NH8PU-13EL 90 NH8PU-13EL 90 NH8PU-14EL 90 NH8PU-14EL 90 NH8PU-15EL 90 NH8PU-2642EL 90 NH8PU-2642EL 90 NH8PU-644EL 90 NH8PU-644EL 90 NH8PU-644EL 90 NH8PU-644EL 90 NH8PU-644EL 90 NH8PU-664EL 90 NH9PC-644EL 313	NHMIC-485 . 46 NHMIC-585 . 48 NHMIC-685 . 50 NHMICD-412 . 46 NHMICD-612 . 50 NHMICD-612 . 50 NHMICD-620 . 50 NHP-113EL . 88 NHP-118EL . 88 NHP-118EL . 106 NHP-13/2LE . 106 NHP-13/2LE . 106 NHP-13/2LE . 103 NHP-13/2LE . 103 NHP-15M . 103 NHP-15M . 103 NHP-15M . 103 NHP-15M . 103 NHP-18EL . 103 NHP-18EL . 103 NHP-213EL . 88 NHP-213EL . 88 NHP-213EL . 88 NHP-218EL . 88 NHP-26/2LE . 106 NHP-264/2EL . 106 NHP-264/2EL . 103 NHP-501/13EL . 98 NHP-61/13EL . 88 NHP6-113EL . 88 NHP6-113EL . 88 NHP6-213EL . 88 NHP6-216EL . 88 NHP6-216EL . 88 NHP6-216EL . 88	NHPIC-926/32EAT 107 NHPM-7100/EL 117 NHPM-735/EL 117 NHPM-750/EL 117 NHPM-750/EL 117 NHPM-770/EL 117 NHPSIC-13ELAT 102 NHPSIC-18ELAT 102 NHPSIC-18ELAT 102 NHPSIC-26ELAT 102 NHPT-13EL 87 NHPT-18EL 87 NHPT-18EL 87 NHPT-6-18EL 87 NHPT-6-18EL 87 NHPT-6-18EL 87 NHPV-2642EL 87 NHPV-13 85 NHPV-13 85 NHPV-13 85 NHPV-13 85 NHPV-18 85 NHPV-18 85 NHPV-18 85 NHPV-19 85 NHP
NFBPIC-526ELAT 98 NFBPIC-613ELAT 103 NFBPIC-613ELAT 103 NFBPIC-615BLAT 103 NFBPIC-626ELAT 103 NFBPIC-66ELAT 103 NFBPIC-67ELAT 103 NFBPI	NHMIC-485. 46 NHMIC-585. 48 NHMIC-585. 50 NHMICD-412 46 NHMICD-612 50 NHMICD-612 50 NHMICD-620 50 NHP-113EL 88 NHP-13EL 88 NHP-13FLE 106 NHP-13J2LE 106 NHP-13J2LE 106 NHP-13LE 103 NHP-13EL 103 NHP-13EL 103 NHP-18EL 103 NHP-18EL 103 NHP-18EL 103 NHP-18EL 103 NHP-18EL 103 NHP-18EL 88 NHP-26FLE 106 NHP-18EL 88 NHP-26FLE 88 NHP-26FLE 88 NHP-26FLE 88 NHP-26FLE 88 NHP-66FLE 88 NHP-66FLE 88 NHP-6113EL 88 NHP-6113EL 88 NHP-6113EL 88 NHP-6113EL 88 NHP-6113EL 88 NHP-6113EL 88 NHP6-126EL 88 NHP6-13EL 88 NHP6-13EL 88 NHP6-113EL 88 NHP6-213EL 88 NHP6-213EL 88 NHP6-213EL 88 NHP6-213EL 88 NHP6-214EL 88 NHP6-214EL 88 NHP6-214EL 88 NHP6-215EL 88	NHPIC-926/32EAT 107 NHPM-7100/EL 117 NHPM-735/EL 117 NHPM-750/EL 117 NHPM-750/EL 117 NHPM-770/EL 117 NHPSIC-13ELAT 102 NHPSIC-18ELAT 102 NHPSIC-18ELAT 102 NHPSIC-26ELAT 102 NHPT-13EL 87 NHPT-18EL 87 NHPT-18EL 87 NHPT-6-18EL 87 NHPT-6-18EL 87 NHPT-6-18EL 87 NHPV-2642EL 87 NHPV-13 85 NHPV-13 85 NHPV-13 85 NHPV-13 85 NHPV-18 85 NHPV-18 85 NHPV-18 85 NHPV-19 85 NHP
NFBPIC-526ELAT 98 NFBPIC-613ELAT 103 NFBPIC-618ELAT 103 NFBPIC-618ELAT 103 NFBPIC-626ELAT 103 NFBPIC-636ELAT 103 NFBPIC-636ELAT 103 NFBPIC-636ELAT 103 NFBPIC-636ELAT 103 NFBPIC-636ELAT 103 NFBFIC-636ELAT 114 NFBFIC-636ELAT 103 NFBFIC-636ELAT 114 NFBFIC-636ELAT 114 NFBFIC-636ELAT 114	NHMIC-485 . 46 NHMIC-585 . 48 NHMIC-585 . 50 NHMICD-412 . 46 NHMICD-612 . 50 NHMICD-620 . 50 NHM-113EL . 88 NHP-118EL . 88 NHP-116EL . 88 NHP-13FL . 106 NHP-13JZLL . 106 NHP-13FL . 103 NHP-13FL . 103 NHP-13FL . 103 NHP-18EL . 88 NHP-213EL . 88 NHP-213EL . 88 NHP-213EL . 88 NHP-2642EL . 103 NHP-501/18EL . 98 NHP-61-13EL . 88 NHP6-13EL . 88 NHP6-126EL . 88 NHP6-218EL . 88 NHP6-218EL . 88 NHP6-218EL . 88 NHP6-218EL . 88 NHP6-21EL . 88 NHP8U-11SEL . 92 NHP8U-11SEL . 92 NHP8U-1264ZEL . 92	NHPIC-926/32EAT 107 NHPM-7100/EL 117 NHPM-735/EL 117 NHPM-750/EL 117 NHPM-750/EL 117 NHPM-770/EL 117 NHPSIC-13ELAT 102 NHPSIC-18ELAT 102 NHPSIC-18ELAT 102 NHPSIC-26ELAT 102 NHPT-18EL 87 NHPT-18EL 87 NHPT-18EL 87 NHPT-614EL 87 NHPT-614EL 87 NHPT-614EL 87 NHPC-614EL 87 NHPV-13 85 NHPV-13 85 NHPV-18 85 NHPV-18 85 NHPV-18 85 NHPV-19
NFBPIC-526ELAT 98 NFBPIC-613ELAT 103 NFBPIC-613ELAT 103 NFBPIC-616ELAT 103 NFBPIC-626ELAT 103 NFBPIC-626ELAT 103 NFBPIC-626ELAT 313 NF-120B 331 NF-121B 331 NF-129 331 NF-129 331 NF-129 331 NF-129 331 NF-129 331 NF-120 144 NF-20 145 NF-2	NHMIC-485 . 46 NHMIC-585 . 48 NHMIC-585 . 50 NHMICD-412 . 46 NHMICD-612 . 50 NHMICD-612 . 50 NHMICD-612 . 50 NHMICD-612 . 50 NHP-113EL . 88 NHP-118EL . 88 NHP-126EL . 88 NHP-13/2LE . 106 NHP-13EL . 103 NHP-18EL . 88 NHP-26E/EL . 106 NHP-16EL . 88 NHP-216EL . 88 NHP-26E/EL . 103 NHP-501/13EL . 98 NHP-501/13EL . 98 NHP-501/13EL . 98 NHP-6113EL . 88 NHP6-113EL . 88 NHP6-113EL . 88 NHP6-126EL . 88 NHP6-213EL . 89 NHP8-213EL . 89 NHP8-213EL . 89 NHP8-113EL . 92 NHP8U-113EL . 92 NHP8U-118EL . 92 NHP8U-118EL . 92	NHPIC-926/32EAT 107 NHPM-7100/EL 117 NHPM-735/EL 117 NHPM-750/EL 117 NHPM-770/EL 117 NHPM-770/EL 117 NHPSIC-13ELAT 102 NHPSIC-13ELAT 102 NHPSIC-26ELAT 102 NHPSIC-26ELAT 102 NHPT-13EL 87 NHPT-13EL 87 NHPT-18EL 87 NHPT-6-13EL 87 NHPT-6-13EL 87 NHPT-6-13EL 87 NHPC-13 85 NHPV-18 85 NHPV-13 85 NHPV-13 85 NHPV-18 85 NHPV-613 85 NHPV-613 85 NHPV-813EL 90 NHPV-81ABEL 90 NHPV-81ABEL 90 NHPV-81ABEL 90 NHPV-81ABEL 90 NHPV-81ABEL 90 NHPV-82642EL 90 NHPS-80 144 NHR-900 144
NFBPIC-526ELAT 98 NFBPIC-613ELAT 103 NFBPIC-618ELAT 103 NFBPIC-618ELAT 103 NFBPIC-626ELAT 103 NFBPIC-636ELAT 103 NFBPIC-636ELAT 103 NFBPIC-636ELAT 103 NFBPIC-636ELAT 103 NFBPIC-636ELAT 103 NFBFIC-636ELAT 114 NFBFIC-636ELAT 103 NFBFIC-636ELAT 114 NFBFIC-636ELAT 114 NFBFIC-636ELAT 114	NHMIC-485 . 46 NHMIC-585 . 48 NHMIC-585 . 50 NHMICD-412 . 46 NHMICD-612 . 50 NHMICD-620 . 50 NHM-113EL . 88 NHP-118EL . 88 NHP-116EL . 88 NHP-13FL . 106 NHP-13JZLL . 106 NHP-13FL . 103 NHP-13FL . 103 NHP-13FL . 103 NHP-18EL . 88 NHP-213EL . 88 NHP-213EL . 88 NHP-213EL . 88 NHP-2642EL . 103 NHP-501/18EL . 98 NHP-61-13EL . 88 NHP6-13EL . 88 NHP6-126EL . 88 NHP6-218EL . 88 NHP6-218EL . 88 NHP6-218EL . 88 NHP6-218EL . 88 NHP6-21EL . 88 NHP8U-11SEL . 92 NHP8U-11SEL . 92 NHP8U-1264ZEL . 92	NHPIC-926/32EAT 107 NHPM-7100/EL 117 NHPM-735/EL 117 NHPM-750/EL 117 NHPM-750/EL 117 NHPM-770/EL 117 NHPSIC-13ELAT 102 NHPSIC-18ELAT 102 NHPSIC-18ELAT 102 NHPSIC-26ELAT 102 NHPT-18EL 87 NHPT-18EL 87 NHPT-18EL 87 NHPT-614EL 87 NHPT-614EL 87 NHPT-614EL 87 NHPC-614EL 87 NHPV-13 85 NHPV-13 85 NHPV-18 85 NHPV-18 85 NHPV-18 85 NHPV-19
NFBPIC-526ELAT 98 NFBPIC-613ELAT 103 NFBPIC-613ELAT 103 NFBPIC-615BLAT 103 NFBPIC-626ELAT 103 NFBPIC-63ELAT 114 NFFME-73EL 114 NFFME-73EL 114 NFFME-73EL 114 NFFME-73EL 114 NFFME-73EL 114 NFFME-73EL 114	NHMIC-485. 46 NHMIC-585. 48 NHMIC-585. 50 NHMICD-412 46 NHMICD-612 50 NHMICD-612 50 NHMICD-612 50 NHMICD-612 100 NHP-113EL 88 NHP-118EL 88 NHP-126EL 88 NHP-13/LEL 103 NHP-13/LEL 103 NHP-13IL 103 NHP-18EL 103 NHP-18EL 103 NHP-18EL 103 NHP-18EL 103 NHP-18EL 103 NHP-18EL 88 NHP-26/ELE 106 NHP-15EL 88 NHP-26/ELE 106 NHP-18EL 88 NHP-26/ELE 88 NHP-26/ELE 88 NHP-26/ELE 103 NHP-118EL 88 NHP-26/ELE 103 NHP-501/13EL 88 NHP-61/EEL 88 NHP-6-126EL 88 NHP6-118EL 88 NHP6-126EL 88 NHP6-118EL 89 NHP6-118EL 92 NHP8U-118EL 92 NHP8U-118EL 92 NHP8U-118EL 92 NHP8U-118EL 92 NHP8U-118EL 92 NHP8U-12642EL 92	NHPIC-926/32EAT 107 NHPM-7100/EL 117 NHPM-735/EL 117 NHPM-735/EL 117 NHPM-750/EL 117 NHPM-770/EL 117 NHPSIC-13ELAT 102 NHPSIC-18ELAT 102 NHPSIC-26ELAT 102 NHPSIC-26ELAT 102 NHPT-13EL 87 NHPT-13EL 87 NHPT-18EL 87 NHPT-6-18EL 87 NHPT-6-18EL 87 NHPT-6-18EL 87 NHPT-6-18EL 87 NHPV-13 85 NHPV-13 85 NHPV-13 85 NHPV-13 85 NHPV-13 85 NHPV-18 85 NHPV-18 85 NHPV-18 85 NHPV-19 85 NHP
NFBPIC-526ELAT 98 NFBPIC-613ELAT 103 NFBPIC-613ELAT 103 NFBPIC-615BLAT 103 NFBPIC-626ELAT 103 NFBPIC-636ELAT	NHMIC-485 . 46 NHMIC-585 . 48 NHMIC-585 . 50 NHMICD-412 . 46 NHMICD-612 . 50 NHMICD-620 . 50 NHMICD-620 . 50 NHP-113EL . 88 NHP-118EL . 88 NHP-126EL . 88 NHP-13/2LE . 106 NHP-13/2LE . 106 NHP-13L . 103 NHP-13H . 103 NHP-13H . 103 NHP-13H . 103 NHP-18EL . 88 NHP-213EL . 88 NHP-213EL . 88 NHP-6115EL . 88 NHP-66-121EL . 106 NHP-501/13EL . 98 NHP-51174EL . 88 NHP6-113EL . 88 NHP6-126EL . 88 NHP6-126EL . 88 NHP6-126EL . 88 NHP6-121EL . 89 NHP8-113EL . 92 NHP8U-118EL . 92 NHP8U-118EL . 92 NHP8U-118EL . 92 NHP8U-118EL . 92 NHP8U-2164ZEL . 92 NHP8U-2164ZEL . 92 NHP8U-2164ZEL . 92 NHPBU-2164ZEL . 92 NHPBU-2164ZEL . 92 NHPBU-2164ZEL . 92	NHPIC-926/32EAT 107 NHPM-7100/EL 117 NHPM-735/EL 117 NHPM-750/EL 117 NHPM-750/EL 117 NHPM-770/EL 117 NHPSIC-13ELAT 102 NHPSIC-18ELAT 102 NHPSIC-18ELAT 102 NHPSIC-26ELAT 102 NHPT-13EL 87 NHPT-18EL 87 NHPT-18EL 87 NHPT-614EL 87 NHPT-614EL 87 NHPC-6142EL 87 NHPV-618 85 NHPV-618 85 NHPV-618 85 NHPV-619 85 NHPV-61 85 NHPV-814 NHP-8060 144 NHR-260 144 NHR-260 144 NHR-5040 142 NHR-960 144 NHR-960 144 NHR-960 144 NHR-960 144 NHR-960 144 NHR-960 144 NHR-MG-750/EL 114 NHRFMG-750/EL 114
NFBPIC-526ELAT 98 NFBPIC-613ELAT 103 NFBPIC-613ELAT 103 NFBPIC-616ELAT 103 NFBPIC-626ELAT 103 NFBPIC-60	NHMIC-485	NHPIC-926/32EAT 107 NHPM-7100/EL 117 NHPM-735/EL 117 NHPM-750/EL 117 NHPM-770/EL 117 NHPM-770/EL 117 NHPSIC-13ELAT 102 NHPSIC-13ELAT 102 NHPSIC-26ELAT 102 NHPSIC-26ELAT 102 NHPT-13EL 87 NHPT-13EL 87 NHPT-18EL 87 NHPT-642EL 87 NHPT-6-13EL 87 NHPT-6-13EL 87 NHPT-6-13EL 87 NHPV-13 85 NHPV-13 85 NHPV-13 85 NHPV-13 85 NHPV-13 85 NHPV-18 85 NHPV-18 85 NHPV-18 85 NHPV-818EL 90 NHPV-819EL 90 NHPV-819EL 90 NHPV-819EL 90 NHPV-819EL 90 NHPV-819EL 90 NHPV-8160 132 NHPV-8160 144 NHR-270 144 NHR-270 144 NHR-270 144 NHR-270 144 NHR-270 144 NHR-9260 148 NHR-9260 148 NHR-9260 148 NHR-9260 144 NHR-9260 144 NHR-9260 144 NHR-9260 144 NHR-9260 144 NHR-9260 144 NHR-960 144 NHR-970 144 NHR-970/EL 114 NHRFMG-770/EL 114 NHRFMG-770/EL 114
NFBPIC-526ELAT 98 NFBPIC-613ELAT 103 NFBPIC-613ELAT 103 NFBPIC-615BLAT 103 NFBPIC-626ELAT 103 NFBPIC-636ELAT	NHMIC-485 . 46 NHMIC-585 . 48 NHMIC-585 . 50 NHMICD-412 . 46 NHMICD-612 . 50 NHMICD-620 . 50 NHMICD-620 . 50 NHP-113EL . 88 NHP-118EL . 88 NHP-126EL . 88 NHP-13/2LE . 106 NHP-13/2LE . 106 NHP-13L . 103 NHP-13H . 103 NHP-13H . 103 NHP-13H . 103 NHP-18EL . 88 NHP-213EL . 88 NHP-213EL . 88 NHP-6115EL . 88 NHP-66-121EL . 106 NHP-501/13EL . 98 NHP-51174EL . 88 NHP6-113EL . 88 NHP6-126EL . 88 NHP6-126EL . 88 NHP6-126EL . 88 NHP6-121EL . 89 NHP8-113EL . 92 NHP8U-118EL . 92 NHP8U-118EL . 92 NHP8U-118EL . 92 NHP8U-118EL . 92 NHP8U-2164ZEL . 92 NHP8U-2164ZEL . 92 NHP8U-2164ZEL . 92 NHPBU-2164ZEL . 92 NHPBU-2164ZEL . 92 NHPBU-2164ZEL . 92	NHPIC-926/32EAT 107 NHPM-7100/EL 117 NHPM-735/EL 117 NHPM-750/EL 117 NHPM-750/EL 117 NHPM-770/EL 117 NHPSIC-13ELAT 102 NHPSIC-18ELAT 102 NHPSIC-18ELAT 102 NHPSIC-26ELAT 102 NHPT-13EL 87 NHPT-18EL 87 NHPT-18EL 87 NHPT-614EL 87 NHPT-614EL 87 NHPC-6142EL 87 NHPV-618 85 NHPV-618 85 NHPV-618 85 NHPV-619 85 NHPV-61 85 NHPV-814 NHP-8060 144 NHR-260 144 NHR-260 144 NHR-5040 142 NHR-960 144 NHR-960 144 NHR-960 144 NHR-960 144 NHR-960 144 NHR-960 144 NHR-MG-750/EL 114 NHRFMG-750/EL 114
NFBPIC-526ELAT 98 NFBPIC-613ELAT 103 NFBPIC-613ELAT 103 NFBPIC-615BLAT 103 NFBPIC-626ELAT	NHMIC-485 . 46 NHMIC-585 . 48 NHMIC-585 . 50 NHMICD-412 . 46 NHMICD-612 . 50 NHMICD-612 . 50 NHMICD-612 . 50 NHMICD-612 . 50 NHP-113EL . 88 NHP-118EL . 88 NHP-126EL . 88 NHP-13/2LE . 106 NHP-13/2LE . 106 NHP-13/2LE . 103 NHP-13EL . 103 NHP-18EL . 103 NHP-18EL . 103 NHP-18EL . 103 NHP-18EL . 103 NHP-213EL . 88 NHP-26/2LEL . 106 NHP-18-6/2EL . 103 NHP-501/13EL . 88 NHP-6113EL . 88 NHP6-126EL . 89 NHP8U-113EL . 92 NHP9U-26/13EL . 107 NHP-926/13EL . 107 NHP-926/13EL . 107	NHPIC-926/32EAT 107 NHPM-7100/EL 117 NHPM-735/EL 117 NHPM-750/EL 117 NHPM-770/EL 117 NHPM-770/EL 117 NHPSIC-13ELAT 102 NHPSIC-13ELAT 102 NHPSIC-26ELAT 102 NHPSIC-26ELAT 102 NHPT-13EL 87 NHPT-13EL 87 NHPT-18EL 87 NHPT-61-3EL 87 NHPT-6-18EL 87 NHPT-6-18EL 87 NHPV-13 85 NHPV-13 85 NHPV-13 85 NHPV-13 85 NHPV-13 85 NHPV-13 85 NHPV-14 83 NHPV-613 85 NHPV-613 85 NHPV-613 85 NHPV-613 85 NHPV-81-81 NHPV-81 NHPV-81-81 NHPV-81
NFBPIC-526ELAT 98 NFBPIC-613ELAT 103 NFBPIC-613ELAT 103 NFBPIC-616ELAT 103 NFBPIC-626ELAT 103 NFBPIC-60	NHMIC-485	NHPIC-926/32EAT 107 NHPM-7100/EL 117 NHPM-735/EL 117 NHPM-750/EL 117 NHPM-770/EL 117 NHPM-770/EL 117 NHPSIC-13ELAT 102 NHPSIC-13ELAT 102 NHPSIC-26ELAT 102 NHPSIC-26ELAT 102 NHPT-13EL 87 NHPT-13EL 87 NHPT-18EL 87 NHPT-642EL 87 NHPT-6-13EL 87 NHPT-6-13EL 87 NHPT-6-13EL 87 NHPV-13 85 NHPV-13 85 NHPV-13 85 NHPV-13 85 NHPV-13 85 NHPV-18 85 NHPV-18 85 NHPV-18 85 NHPV-818EL 90 NHPV-819EL 90 NHPV-819EL 90 NHPV-819EL 90 NHPV-819EL 90 NHPV-819EL 90 NHPV-8160 132 NHPV-8160 144 NHR-270 144 NHR-270 144 NHR-270 144 NHR-270 144 NHR-270 144 NHR-9260 148 NHR-9260 148 NHR-9260 148 NHR-9260 144 NHR-9260 144 NHR-9260 144 NHR-9260 144 NHR-9260 144 NHR-9260 144 NHR-960 144 NHR-970 144 NHR-970/EL 114 NHRFMG-770/EL 114 NHRFMG-770/EL 114

AUDENIO OCO/EL	NUIDDM 7400/FI	NII 404 4T//) 404
NHRFM8-950/EL 115	NHRPM-7100/EL 117	NL-401AT(lamp) 124
NHRFM8-970/EL 115	NHRPM-735/EL 117	NL-401AT/1EL 80, 124
NHRIC-17QAT144	NHRPM-750/EL 117	NL-401AT/2EL 124
NHRIC-17QNBAT 144	NHRPM-770/FI 117	NL-401QAT 124
NHRIC-27QAT144	NHRPSIC-13ELAT 102	NL-401QAT/20124
NHRIC-4G24AT (NHRPSIC-18ELAT 102	NL-401QAT/37124
NHRIC-4LMRAT/277 61, 69	NHRPSIC-26ELAT 102	NL-401QAT/FX 124
NHRIC-504QAT142	NHRPT6-13EL 87	NL-402S 124
NHRIC-527QAT 142	NHRPT6-18EL 87	NL-402S(lamp) 124
NHRIC-5G24ATFL 109	NHRPT6-2642EL 87	NL-402S/1EL 80, 124
NHRIC-6G24ATFL 110	NHRPV-613 85	NL-402S/20124
NHRIC-926LMRAT 53, 68	NHRPV-618 85	NL-402S/37124
NHRIC-926QAT 53, 68, 148	NHRPV-62642 85	NL-408AT 122
NHRIOIC-48 56	NHRPV-813EL 90	NL-408AT/1EL 81, 122
		NL-408AT/20
NHRM-41246	NHRPV-818EL 90	
NHRM-51248	NHRPV-82642EL 90	NL-408AT/37 122
NHRM-52048	NIO-1RNB 57	NL-410 126
NHRM-61250	NIO-1RNG 57	NL-410W 138
NHRM-62050	NIO-1SNB 57	NL-411 126
NHRMIC-485 46	NIO-1SNG 57	NL-411G 138
NHRMIC-585 48	NIO-2RC 58	NL-412 126, 138
NHRMIC-685 50	NIO-2RG 58	NL-413 126, 138
NHRP-13/2LEL 106	NIO-2SC58	NL-414 126, 138
NHRP-13/2LQ 106	NIO-2SG 58	NL-416 126, 138
NHRP-13EL 103	NIO-3SS861, 69	NL-417 126
		NL-417CW
NHRP-13M103	NIO-4RC59	
NHRP-18/2LEL 106	NIO-4RD 59	NL-418 126
NHRP-18EL 103	NIO-4RG 59	NL-418N 139
NHRP-26/2LEL 106	NIO-4SC59	NL-419 126. 139
NHRP-2642EL 103	NIO-4SG 59	NL-420 126, 139, 141
NHRP-504/13EL98	NIR-4RC	NL-421 126, 139, 141
NHRP-504/18EL98	NIR-4RG	NL-422 127
	NIR-4SC	
NHRP6-113EL 88		NL-422G 139
NHRP6-118EL 88	NIR-4SG	NL-423 127
NHRP6-126EL 88	NL-301AT(lamp) 120	NL-423W 139
NHRP6-213EL 88	NL-301AT/1EL 80, 120	NL-424 127
NHRP6-218EL 88		NL-424N 139
	NL-301QAT 120	
NHRP6-226EL 88	NL-301QAT/20120	NL-425 127
NHRP8U-113EL 92	NL-301QAT/37120	NL-425W 139
NHRP8U-118EL 92	NL-324BU 121	NL-426 127
NHRP8U-12642EL 92	NL-325W121	NL-426W 139
NHRP8U-213EL 92	NL-326P 121	NL-427 127
NHRP8U-218EL 92	NL-327BU 121	NL-427W 139
NHRP8U-22642EL 92	NL-3310 121	NL-429 127, 139
NHRP-926/13EL107	NL-3310NN 135	NL-432 126, 138
NHRP-926/18EL107	NL-3312 121	NL-438 127
NHRP-926/2642EL107	NL-3312CBZ 135	NL-438W 139
NHRPH-113SEL 100	NL-3318 121	NL-440 126
NHRPH-118SEL 100	NL-3318W135	NL-440C0 139
NHRPH-213SEL 100	NL-3320W 121, 135	NL-441 126, 139
NHRPH-218SEL 100	NL-3325 121	NL-445 126
NHRPH-226SEL 100	NL-3325G 135	NL-445N 139
NHRPH-2642SEL 100	NL-3326 121	NL-448 126, 138
NHRPIC-13EL 102	NL-3326W 135	NL-449 126, 138
NHRPIC-13ELAT 102	NL-3337 121	NL-450 126, 138
NHRPIC-13MQ 102	NL-3337GW135	NL-452 126, 138
NHRPIC-18EL 102	NL-3345 121	NL-453 126, 138
NHRPIC-18ELAT 102	NL-3345BZ 135	NL-4584 122
NHRPIC-26ATE2 102	NL-3348 121	NL-4585 122
NHRPIC-26ELAT 102	NL-3348BW	NL-4588 122
NHRPIC-413AT (94	NL-3350BW135	NL-461 127
NHRPIC-413ATE2 94	NL-3350W 121	NL-461C 139
NHRPIC-413ELAT 94	NL-3365 121	NL-463 126
NHRPIC-418AT94	NL-3366 121	NL-463C0 139
NHRPIC-418ATE2 94	NL-3410BZ 121, 135	NL-465 126
NHRPIC-418ELAT 94	NL-3412CW135	NL-465C0 139
NHRPIC-426AT94	NL-3412WW 121, 135	NL-467 126
NHRPIC-426ATE2 94	NL-3413 121, 135	NL-468 126
NHRPIC-426ELAT 94	NL-3420 121, 135	NL-468B 138
NHRPIC-501QAT1398	NL-3423 121, 135	NL-469 126
NHRPIC-513ATE2 98	NL-401/1ELRFP 123	NL-469C0
NHRPIC-513ELAT 98	NL-401/277/RFP 123	NL-470 126
NHRPIC-518ATE2 98	NL-401/2EL/RFP 123	NL-471W 123
NHRPIC-518ELAT 98	NL-401/50/277V 124	NL-4810 125
	NL-401/75124	
NHRPIC-526ATE2 98		NL-4810WN
NHRPIC-526ELAT 98	NL-401/75/1EL 124	NL-4814 125
NHRPIC-92613EAT 107	NL-401/75/277V 124	NL-4814CW138
NHRPIC-92618EAT 107	NL-401/75/2EL 124	NL-4825 125
NHRPIC-92626EAT 107	NL-401/RFP123	NL-4825C0 138



NL-4826 125	NLIC-301QAT/20 120	NLR-404/75/277V 124
NL-4826W 138	NLIC-301QAT/37 120	NLR-404/75/2EL 124
NL-4827 125	NLIC-401AT(lamp) 124	NLR-404/RFP123
NL-4827W 138	NLIC-401AT/1EL 80, 124	NLR-404AT(lamp) 124
NL-4840 125	NLIC-401AT/277V 124	NLR-404AT/1EL 80, 124
NL-4840N	NLIC-401AT/2EL 124	NLR-404AT/2EL 124
NL-4845W 125	NLIC-401QSAT124	NLR-404QAT 124
NL-4855 125, 138	NLIC-401QSAT/20 124	NLR-404QAT/20124
NL-4857 125, 138	NLIC-401QSAT/37 124	NLR-404QAT/37124
NL-4859 125, 138	NLIC-401SAT/1ELRFP123	NLR-405AT 125
NL-486 127	NLIC-401SAT/277/RFP 123	NLR-405AT/20 125
NL-4865 125	NLIC-401SAT/2EL/RFP 123	NLR-405AT/37 125
NL-4865N 138	NLIC-401SAT/RFP 123	NLR-409AT 122
NL-486W138	NLIC-402AT(lamp) 124	NLR-409AT/1EL 81, 122
	(17	
NL-4870 125	NLIC-402AT/1EL 80, 124	NLR-604/1EL 81, 128
NL-490 126	NLIC-402QSAT 124	NLR-604/277/75Q 128
NL-491 126	NLIC-402QSAT/20 124	NLR-604/277Q128
NL-491N 139	NLIC-402QSAT/37 124	NLR-604/2EL 81, 128
NL-495 127	NLIC-408AT 122	NLR-604/75/1EL 128
NL-495/PL 95, 97	NLIC-408AT/1EL 81, 122	NLR-604/75/2EL 128
NL-495P 139	NLIC-601/1EL 81, 128	NLR-604/75Q 128
NL-496 127	NLIC-601/2EL 128	NLR-604Q 128
NL-496/P	NLIC-601QAT 128	NM-100285
NL-496/PL 95	NLK-2600 128, 150	NM-100(color)/MR16 276
NL-496F 139	NLK-2600/EL 128	NM-100/MR16227
NL-497 127	NLK-2636 128, 150	NM-126330
NL-497/PL 95, 97	NLMP-734 186	NM-127328
NL-497B 139	NLMP-738 186	NM-128328
NL-498 127	NLMT-150 285	NM-240329
NL-498B 139	NLMT-701 283	NM-241329
	NLMT-702 285	
NL-498BZ 141		NM-242332
NL-5857 142	NLMT-703 283	NM-243332
NL-601/1EL 81, 128	NLMT-704 285	NM-244332
NL-601/277/75Q 128	NLMT-705 283	NM-245332
NL-601/2EL 128	NLMT-706 283	NM-246
NL-601/75/1EL 128	NLMT-707 283	NM-247333
NL-601/75/2EL 128	NLMT-708 285	NM-248333
NL-601/75Q 128	NLMT-709 283	NM-249
NL-601Q 128	NLMT-710 285	NM-250329
NL-601Q/277V128		
	NLMT-712 285	NM-251329
NL-610W129	NLMT-713 285	NM-252329
NL-611B 129	NLMT-716 285	NM-253329
NL-612 129	NLMT-718 285	NM-254328
NL-613 129	NLMT-719 285	NMK-3240
NL-614 129	NLMT-721 282	NMK-3241330
NL-616 129	NLMT-722 282	NMOR-30 152
NL-618 129	NLMT-728 285	NMOR-501
NL-619 129	NLMT-731 282	NMPK1-3LED 326
NL-620 129	NLMT-732 282	NMPK2-3LED 326
NL-628 129	NLMT-733 283	NMPKA-REC327
NL-640 129	NLMT-734 284	NMR-30152
NL-641 129	NLMT-735 283	NMRG-11D1L12162
NL-642 129	NLMT-736 283	NMRG-11D1L20162
NL-643 129	NLMT-738 284	NMRG-11D1L30162
NL-644 129	NLMT-747 285	NMRG-11D1L85 162
NL-645 129	NLMT-75 285	NMRG-11D2L12162
NL-646 129	NLMT-752 285	NMRG-11D2L20 162
NL-648 129	NLMT-760 186, 226, 284	NMRG-11D2L30162
NL-649 129	NLOP-R6509 79	NMRG-11D2L85162
NL-650 129	NLR-304AT(lamp) 120	NMRH-11E3020166
NL-663 129	NLR-304AT/1EL 80. 120	NMRH-11E3039166
NL-665 129	NLR-304QAT 120	NMRH-11E3070166
		NMRH-12E3020166
NL-665C0 146	NLR-304QAT/20120	
NL-670 129	NLR-304QAT/37120	NMRH-12E3039166
NL-671 129	NLR-305AT 120	NMRH-12E3070166
NL-672 129	NLR-305AT/20 120	NMRH-13E3020166
NL-673 129		NMRH-13E3039166
	NLR-305AT/37 120	
NL-675 129	NLR-403S 125	NMRH-13E3070166
NL-680 129	NLR-403S(lamp)125	NMRI-11N1075 164
NL-690 129	NLR-403S/1E125	NMRI-11N18150 164
NL-695P 129	NLR-403S/1EL 80	NMRI-12N1075 164
NL-696W 129	NLR-403S/20125	NMRI-12N18150 164
NL-697B 129	NLR-403S/37125	NMRI-13N1075 164
NLEDC-421 71	NLR-404/1ELRFP 123	NMRI-13N18150 164
NLEDC-422 71	NLR-404/277/RFP 123	NMRL-11E11 167
NLEDC-428	NLR-404/2EL/RFP 123	NMRL-11E21 167
INLLUU-420 / I		1411/11L-11L41
MILIO OOH AT/I		NIMPL 44MOC :
NLIC-301AT(lamp) 120	NLR-404/50/277V 124	NMRL-11M26 167
NLIC-301AT/1EL 80, 120	NLR-404/50/277V 124 NLR-404/75 124	NMRL-11V11 167
	NLR-404/50/277V 124	
NLIC-301AT/1EL 80, 120	NLR-404/50/277V 124 NLR-404/75 124	NMRL-11V11 167

NMRL-11V21 167	NMRT-13628 164, 166	NMRTLI-12N2015 163
NMRL-11V26 167	NMRT-13652 164, 166	NMRTLI-12N2020 163
NMRL-12E11 167	NMRT-13653 164	NMRTLI-12N2025 163
NMRL-12E21 167	NMRT-13674 167	NMRTLI-12N2050 163
NMRL-12M26 167	NMRT-13L1227 162	NMRTLI-12N2075 163
NMRL-12V11 167	NMRT-13L1230 162	NMRTLI-13N1010 163
NMRL-12V16 167	NMRT-13L1235 162	NMRTLI-13N1015 163
NMRL-12V21 167	NMRT-13L1240 162	NMRTLI-13N1020 163
NMRL-12V26 167	NMRT-13L12CD 162	NMRTLI-13N1025 163
NMRL-13E11 167	NMRT-13L2027 162	NMRTLI-13N1050 163
NMRL-13E21 167	NMRT-13L2030 162	NMRTLI-13N1075 163
NMRL-13M26 167	NMRT-13L2035 162	NMRTLI-13N2010 163
NMRL-13V11	NMRT-13L2040 162	NMRTLI-13N2015 163
NMRL-13V16 167	NMRT-13L20CD 162	NMRTLI-13N2020 163
NMRL-13V21 167	NMRT-13L3027 162	NMRTLI-13N2025 163
NMRL-13V26 167	NMRT-13L3030 162	NMRTLI-13N2050 163
		NMRTLI-13N2075 163
NMRT-11418 167	NMRT-13L3035 162	
NMRT-11445 167	NMRT-13L3040 162	NMS12175E1S1674169
NMRT-11463 167	NMRT-13L30CD 162	NMS13175E1S1674169
NMRT-11465 167	NMRT-13L8527 162	NMS14175E1S1674169
	NMRT-13L8530 162	NMS15175E1S1674169
NMRT-11470 167		
NMRT-11628 164, 166	NMRT-13L8535 162	NMS16175E1S1674169
NMRT-11652 164, 166	NMRT-13L8540 162	NMS22175E1S1674169
NMRT-11653 164	NMRT-13L85CD 162	NMT-1200/12SP 339
NMRT-11674 167	NMRT-1F1628 164, 166	NMT-1200/24SP 339
NMRT-11L1227 162	NMRT-1F1652 164, 166	NMT-150/12SP 339
NMRT-11L1230 162	NMRT-1F1653 164	NMT-244/12C2D1 295, 303,
NMRT-11L1235 162	NMRT-1F1L1227 162	317, 327
NMRT-11L1240 162	NMRT-1F1L1230 162	NMT-300/12SP 339
NMRT-11L12CD 162	NMRT-1F1L1235 162	NMT-300/24SP 339
NMRT-11L2027 162	NMRT-1F1L1240 162	NMT-300/C2 337
		NMT-303/24C2D1 291, 303,
NMRT-11L2030 162	NMRT-1F1L12CD 162	
NMRT-11L2035 162	NMRT-1F1L2027 162	309, 336
NMRT-11L2040 162	NMRT-1F1L2030 162	NMT-303/24DC2D1 . 317, 323
NMRT-11L20CD 162	NMRT-1F1L2035 162	NMT-600/12SP 339
NMRT-11L3027 162	NMRT-1F1L2040 162	NMT-600/24SP 339
NMRT-11L3030 162	NMRT-1F1L20CD 162	NMTD-40/12D . 295, 317, 336
NMRT-11L3035 162	NMRT-1F1L3027 162	NMTD-60/12D . 295, 317, 336
NMRT-11L3040 162	NMRT-1F1L3030 162	NMTD-60/24D . 291, 303, 309,
NMRT-11L30CD 162	NMRT-1F1L3035 162	317, 323, 336
NMRT-11L8527 162	NMRT-1F1L3040 162	NMTD-96/24D . 291, 303, 309,
NMRT-11L8530 162	NMRT-1F1L30CD 162	317, 323, 336
NMRT-11L8535 162	NMRT-1F1L8527 162	NOR-30 152
NMRT-11L8540 162	NMRT-1F1L8530 162	NOR-401 152
NMRT-11L85CD 162	NMRT-1F1L8535 162	NP-22 101, 104, 47
NMRT-12418 167	NMRT-1F1L8540 162	NP-23 101, 104, 147
NMRT-12445 167	NMRT-1F1L85CD 162	NP-24 101, 104, 147
NMRT-12463 167	NMRT-1F2628 164, 166	NP-24PC 147
NMRT-12465 167	NMRT-1F2652 164, 166	NP-322 147
NMRT-12470 167	NMRT-1F2653 164	NP-323 147
NMRT-12628 164, 166	NMRT-1F3628 164, 166	NP-324 147
NMRT-12652 164, 166	NMRT-1F3652 164, 166	NP66-103 187, 207, 226
NMRT-12653 164	NMRT-1F3653 164	NP66-203 187, 207
NMRT-12674 167	NMRT-652TL 161, 163	NP66-203BZ 226
NMRT-12L1227 162	NMRTLG-11D1L19 161	NPD-14DFK/A 21
NMRT-12L1230 162	NMRTLG-11D2L19 161	NPD-14RFK 21
NMRT-12L1235 162	NMRTLG-12D1L19161	NPD-22DFK/A 21
	DVDVID 11 12-17 D 11 19 10 1	
NMRT-12L1240 162		
	NMRTLG-12D2L19 161	NPD-22RFK 21
NMRT-12L12CD 162		NPD-22RFK
NMRT-12L12CD 162	NMRTLG-12D2L19 161	NPD-22RFK 21
NMRT-12L12CD 162 NMRT-12L2027 162	NMRTLG-12D2L19 161 NMRTLG-13D1L19 161 NMRTLG-13D2L19 161	NPD-22RFK 21 NPD-24DFK/A 21 NPD-24RFK 21
NMRT-12L12CD 162 NMRT-12L2027 162 NMRT-12L2030 162	NMRTLG-12D2L19	NPD-22RFK 21 NPD-24DFK/A 21 NPD-24RFK 21 NPD-E22/30 20
NMRT-12L12CD 162 NMRT-12L2027 162 NMRT-12L2030 162 NMRT-12L2035 162	NMRTLG-12D2L19 161 NMRTLG-13D1L19 161 NMRTLG-13D2L19 161 NMRTLI-11N1010 163 NMRTLI-11N1015 163	NPD-22RFK 21 NPD-24DFK/A 21 NPD-24RFK 21 NPD-E22/30 20 NPD-E22/40 20
NMRT-12L12CD	NMRTLG-12D2L19 161 NMRTLG-13D1L19 161 NMRTLG-13D2L19 161 NMRTLI-11N1010 163 NMRTLI-11N1015 163 NMRTLI-11N1020 163	NPD-22RFK 21 NPD-24DFK/A 21 NPD-24RFK 21 NPD-E22/30 20 NPD-E22/40 20 NPD-E22/50 20
NMRT-12L12CD 162 NMRT-12L2027 162 NMRT-12L2030 162 NMRT-12L2035 162	NMRTLG-12D2L19 161 NMRTLG-13D1L19 161 NMRTLG-13D2L19 161 NMRTLI-11N1010 163 NMRTLI-11N1015 163	NPD-22RFK 21 NPD-24DFK/A 21 NPD-24RFK 21 NPD-E22/30 20 NPD-E22/40 20
NMRT-12L12CD 162 NMRT-12L2027 162 NMRT-12L2030 162 NMRT-12L2035 162 NMRT-12L2040 162 NMRT-12L20CD 162	NMRTLG-12D2L19 161 NMRTLG-3D1L19 161 NMRTLG-3D2L19 161 NMRTLI-11N1010 163 NMRTLI-11N1015 163 NMRTLI-11N1020 163 NMRTLI-11N1025 163	NPD-22RFK 21 NPD-24DFK/A 21 NPD-24RFK 21 NPD-E22/30 20 NPD-E22/40 20 NPD-E22/40 20 NPD-E22/50 20 NPD-E22/30 20
NMRT-12L12CD 162 NMRT-12L2027 162 NMRT-12L2030 162 NMRT-12L2035 162 NMRT-12L2040 162 NMRT-12L204D 162 NMRT-12L204D 162	NMRTLG-12D2L19 161 NMRTLG-13D1L19 161 NMRTLG-13D2L19 161 NMRTL-11N1010 163 NMRTL-11N1015 163 NMRTL-11N1020 163 NMRTL-11N1025 163 NMRTL-11N1025 163	NPD-22RFK 21 NPD-24DFK/A 21 NPD-24RFK 21 NPD-E22/30 20 NPD-E22/40 20 NPD-E22/50 20 NPD-E24/30 20 NPD-E24/40 20
NMRT-12L12CD 162 NMRT-12L2027 162 NMRT-12L2030 162 NMRT-12L2035 162 NMRT-12L2040 162 NMRT-12L204D 162 NMRT-12L3027 162 NMRT-12L3027 162 NMRT-12L3030 162	NMRTLG-12D2L19 161 NMRTLG-13D1L19 161 NMRTLG-13D2L19 161 NMRTLI-11N1010 163 NMRTLI-11N1015 163 NMRTLI-11N1020 163 NMRTLI-11N1025 163 NMRTLI-11N1050 163 NMRTLI-11N1050 163 NMRTLI-11N1050 163	NPD-22RFK 21 NPD-24DFK/A 21 NPD-24RFK 21 NPD-224RFK 21 NPD-E22/30 20 NPD-E22/40 20 NPD-E22/50 20 NPD-E24/30 20 NPD-E24/40 20 NPD-E24/40 20 NPD-E24/40 20
NMRT-12L12CD 162 NMRT-12L2027 162 NMRT-12L2030 162 NMRT-12L2035 162 NMRT-12L2040 162 NMRT-12L20CD 162 NMRT-12L3027 162 NMRT-12L3030 162 NMRT-12L3035 162	NMRTLG-12D2L19 161 NMRTLG-13D1L19 161 NMRTLG-13D2L19 161 NMRTLI-11N1010 163 NMRTLI-11N1015 163 NMRTLI-11N1020 163 NMRTLI-11N1025 163 NMRTLI-11N1050 163 NMRTLI-11N1075 163 NMRTLI-11N1075 163 NMRTLI-11N1075 163	NPD-22RFK 21 NPD-24DFK/A 21 NPD-24RFK 21 NPD-2247S0 20 NPD-E22/30 20 NPD-E22/40 20 NPD-E24/30 20 NPD-E24/30 20 NPD-E24/40 20 NPD-E24/50 20 NPD-F24/50 20 NPD-FEX/FS 21
NMRT-12L12CD 162 NMRT-12L2027 162 NMRT-12L2030 162 NMRT-12L2035 162 NMRT-12L2040 162 NMRT-12L204D 162 NMRT-12L3027 162 NMRT-12L3027 162 NMRT-12L3030 162	NMRTLG-12D2L19 161 NMRTLG-13D1L19 161 NMRTLG-13D2L19 161 NMRTLI-11N1010 163 NMRTLI-11N1015 163 NMRTLI-11N1020 163 NMRTLI-11N1025 163 NMRTLI-11N1050 163 NMRTLI-11N1050 163 NMRTLI-11N1050 163	NPD-22RFK 21 NPD-24DFK/A 21 NPD-24RFK 21 NPD-224RFK 21 NPD-E22/30 20 NPD-E22/40 20 NPD-E22/50 20 NPD-E24/30 20 NPD-E24/40 20 NPD-E24/40 20 NPD-E24/40 20
NMRT-12L12CD 162 NMRT-12L12027 162 NMRT-12L2030 162 NMRT-12L2035 162 NMRT-12L2040 162 NMRT-12L2040 162 NMRT-12L3027 162 NMRT-12L3030 162 NMRT-12L3035 162 NMRT-12L3040 162	NMRTLG-12D2L19 161 NMRTLG-3D1L19 161 NMRTLG-13D2L19 161 NMRTLG-13D2L19 163 NMRTLL-11N1015 163 NMRTLL-11N1015 163 NMRTLL-11N1025 163 NMRTLL-11N1055 163 NMRTLL-11N1055 163 NMRTLL-11N1055 163 NMRTLL-11N1055 163 NMRTLL-11N1055 163 NMRTLL-11N2010 163 NMRTLL-11N2010 163	NPD-22RFK 21 NPD-24DFK/A 21 NPD-24BFK 21 NPD-E22/30 20 NPD-E22/40 20 NPD-E22/40 20 NPD-E22/30 20 NPD-E24/30 20 NPD-E24/30 20 NPD-E24/30 20 NPD-E24/40 20 NPD-E24/50 20 NPD-E24/F0 20 NPD-FE4/F0 30 NPD-FK 21 NPK-13 103
NMRT-12L12CD 162 NMRT-12L12O27 162 NMRT-12L2O30 162 NMRT-12L2O35 162 NMRT-12L2O40 162 NMRT-12L2O40 162 NMRT-12L3O27 162 NMRT-12L3O37 162 NMRT-12L3O35 162 NMRT-12L3O30 162 NMRT-12L3O30 162 NMRT-12L3O30 162 NMRT-12L3O40 162 NMRT-12L3O40 162	NMRTLG-12D2L19 161 NMRTLG-13D1L19 161 NMRTLG-13D2L19 161 NMRTLG-13D2L19 163 NMRTLL-11N1010 163 NMRTLL-11N1015 163 NMRTLL-11N1025 163 NMRTLL-11N1050 163 NMRTLL-11N1050 163 NMRTLL-11N1050 163 NMRTLL-11N1051 163 NMRTLL-11N1051 163 NMRTLL-11N2010 163 NMRTLL-11N2010 163 NMRTLL-11N2010 163	NPD-22RFK 21 NPD-24DFK/A 21 NPD-24BFK 21 NPD-24RFK 21 NPD-E22/30 20 NPD-E22/40 20 NPD-E22/50 20 NPD-E24/30 20 NPD-E24/40 20 NPD-E24/40 20 NPD-E24/50 20 NPD-PK 21 NPK-13 103 NPK-13/2L 103
NMRT-12L12CD 162 NMRT-12L2027 162 NMRT-12L2030 162 NMRT-12L2035 162 NMRT-12L2040 162 NMRT-12L2040 162 NMRT-12L3030 162 NMRT-12L3030 162 NMRT-12L3035 162 NMRT-12L3030 162 NMRT-12L3030 162 NMRT-12L3030 162 NMRT-12L3040 162 NMRT-12L3050 162 NMRT-12L3050 162 NMRT-12L3050 162 NMRT-12L3050 162	NMRTLG-12D2L19 161 NMRTLG-13D1L19 161 NMRTLG-13D2L19 161 NMRTLG-13D2L19 163 NMRTLL-11N1015 163 NMRTLL-11N1015 163 NMRTLL-11N1025 163 NMRTLL-11N1050 163 NMRTLL-11N1050 163 NMRTLL-11N1051 163 NMRTLL-11N1051 163 NMRTLL-11N2010 163 NMRTLL-11N2010 163 NMRTLL-11N2010 163 NMRTLL-11N2010 163 NMRTLL-11N2010 163 NMRTLL-11N2010 163 NMRTLL-11N2020 163 NMRTLL-11N2020 163	NPD-22RFK 21 NPD-24DFK/A 21 NPD-24RFK 21 NPD-224RFK 21 NPD-E22/30 20 NPD-E22/40 20 NPD-E22/40 20 NPD-E24/30 20 NPD-E24/40 20 NPD-E24/40 20 NPD-E24/40 20 NPD-E24/50 20 NPD-FE 31 103 NPK-13 103 NPK-13FL 103
NMRT-12L12CD 162 NMRT-12L2027 162 NMRT-12L2030 162 NMRT-12L2035 162 NMRT-12L2040 162 NMRT-12L3027 162 NMRT-12L3027 162 NMRT-12L3030 162 NMRT-12L3030 162 NMRT-12L3030 162 NMRT-12L3040 162 NMRT-12L3040 162 NMRT-12L3050 162 NMRT-12L8530 162 NMRT-12L8530 162 NMRT-12L8530 162	NMRTL-11N2050 163 NMRTL-11N2050 163 NMRTL-11N1010 163 NMRTL-11N1010 163 NMRTL-11N1010 163 NMRTL-11N1010 163 NMRTL-11N1020 163 NMRTL-11N1050 163 NMRTL-11N1050 163 NMRTL-11N1050 163 NMRTL-11N2010 163	NPD-22RFK 21 NPD-24DFK/A 21 NPD-24BFKK 21 NPD-E22/30 20 NPD-E22/40 20 NPD-E22/40 20 NPD-E22/40 20 NPD-E24/30 20 NPD-E24/40 20 NPD-E24/40 20 NPD-E24/40 100 NPD-F24/40 100 NPD-F24/40 100 NPD-F24 100 NPC-F3/2L 1003 NPK-13/EL 1003 NPK-13EL 100
NMRT-12L12CD 162 NMRT-12L2027 162 NMRT-12L2030 162 NMRT-12L2035 162 NMRT-12L2040 162 NMRT-12L2040 162 NMRT-12L3030 162 NMRT-12L3030 162 NMRT-12L3035 162 NMRT-12L3030 162 NMRT-12L3030 162 NMRT-12L3030 162 NMRT-12L3040 162 NMRT-12L3050 162 NMRT-12L3050 162 NMRT-12L3050 162 NMRT-12L3050 162	NMRTLG-12D2L19 161 NMRTLG-13D1L19 161 NMRTLG-13D2L19 161 NMRTLG-13D2L19 163 NMRTLL-11N1015 163 NMRTLL-11N1015 163 NMRTLL-11N1025 163 NMRTLL-11N1050 163 NMRTLL-11N1050 163 NMRTLL-11N1051 163 NMRTLL-11N1051 163 NMRTLL-11N2010 163 NMRTLL-11N2010 163 NMRTLL-11N2010 163 NMRTLL-11N2010 163 NMRTLL-11N2010 163 NMRTLL-11N2010 163 NMRTLL-11N2020 163 NMRTLL-11N2020 163	NPD-22RFK 21 NPD-24DFK/A 21 NPD-24RFK 21 NPD-224RFK 21 NPD-E22/30 20 NPD-E22/40 20 NPD-E22/40 20 NPD-E24/30 20 NPD-E24/40 20 NPD-E24/40 20 NPD-E24/40 20 NPD-E24/50 20 NPD-FE 31 103 NPK-13 103 NPK-13FL 103
NMRT-12L12CD 162 NMRT-12L2027 162 NMRT-12L2030 162 NMRT-12L2035 162 NMRT-12L2040 162 NMRT-12L3027 162 NMRT-12L3027 162 NMRT-12L3030 162 NMRT-12L3035 162 NMRT-12L3040 162 NMRT-12L3040 162 NMRT-12L3040 162 NMRT-12L3040 162 NMRT-12L3040 162 NMRT-12L3050 162 NMRT-12L3050 162 NMRT-12L3050 162 NMRT-12L8537 162 NMRT-12L8530 162 NMRT-12L8530 162	NMRTLG-12D2L19 161 NMRTLG-3D1L19 161 NMRTLG-13D1L19 161 NMRTLG-13D2L19 161 NMRTLI-11N1010 163 NMRTLI-11N1015 163 NMRTLI-11N1020 163 NMRTLI-11N1055 163 NMRTLI-11N1075 163 NMRTLI-11N1075 163 NMRTLI-11N2010 163 NMRTLI-11N2010 163 NMRTLI-11N2015 163 NMRTLI-11N2015 163 NMRTLI-11N2015 163 NMRTLI-11N2015 163 NMRTLI-11N2015 163 NMRTLI-11N2015 163 NMRTLI-11N2055 163 NMRTLI-11N2055 163 NMRTLI-11N2055 163 NMRTLI-11N2055 163	NPD-22RFK 21 NPD-24DFK/A 21 NPD-24DFK/A 21 NPD-E22/30. 20 NPD-E22/40. 20 NPD-E22/40. 20 NPD-E22/30. 20 NPD-E24/30. 20 NPD-E24/30. 20 NPD-E24/50. 20 NPD-PK 21 NPK-13 103 NPK-13/2L 103 NPK-13/EL 103 NPK-13EL 103 NPK-15EL 103 NPK-26EL 103
NMRT-12L12CD 162 NMRT-12L12O27 162 NMRT-12L2O30 162 NMRT-12L2O35 162 NMRT-12L2O40 162 NMRT-12L3O40 162 NMRT-12L3O27 162 NMRT-12L3O35 162 NMRT-12L3O30 162 NMRT-12L3O30 162 NMRT-12L3O40 162 NMRT-12L3O40 162 NMRT-12L3O50 162 NMRT-12L3O50 162 NMRT-12L3O50 162 NMRT-12L3O50 162 NMRT-12L8527 162 NMRT-12L8527 162 NMRT-12L8530 162 NMRT-12L8530 162 NMRT-12L8530 162 NMRT-12L8530 162	NMRTLG-12D2L19 161 NMRTLG-13D1L19 161 NMRTLG-13D1L19 161 NMRTLG-13D2L19 163 NMRTLL-11N1015 163 NMRTLL-11N1025 163 NMRTLL-11N1025 163 NMRTLL-11N1055 163 NMRTLL-11N1055 163 NMRTLL-11N1055 163 NMRTLL-11N2015 163 NMRTLL-11N2015 163 NMRTLL-11N2015 163 NMRTLL-11N2055 163	NPD-22RFK 21 NPD-24DFK/A 21 NPD-24BFK 21 NPD-24RFK 21 NPD-E22/30 20 NPD-E22/30 20 NPD-E22/30 20 NPD-E22/30 20 NPD-E24/30 20 NPD-E24/40 20 NPD-E24/40 20 NPD-E24/50 20 NPD-E24/50 103 NPK-13 103 NPK-13/2L 103 NPK-13/EL 103 NPK-13/EL 103 NPK-13/EL 103 NPK-18EL 103 NPK-26EL 103 NPK-26EL 103 NR-30 152
NMRT-12L12CD 162 NMRT-12L2027 162 NMRT-12L2030 162 NMRT-12L2035 162 NMRT-12L2040 162 NMRT-12L20CD 162 NMRT-12L3027 162 NMRT-12L3037 162 NMRT-12L3030 162 NMRT-12L3035 162 NMRT-12L3040 162 NMRT-12L30CD 162 NMRT-12L30CD 162 NMRT-12L35CD 162 NMRT-12L8527 162 NMRT-12L8527 162 NMRT-12L8535 162 NMRT-12L8535 162 NMRT-12L8540 162 NMRT-12L8540 162 NMRT-12L8540 162	NMRTLG-12D2L19 161 NMRTLG-3D1L19 161 NMRTLG-3D1L19 161 NMRTLG-13D2L19 161 NMRTLH1N1010 163 NMRTLH-11N1015 163 NMRTLH-11N1025 163 NMRTLH-11N1050 163 NMRTLH-11N1050 163 NMRTLH-11N1050 163 NMRTLH-11N2010 163 NMRTLH-11N2010 163 NMRTLH-11N2010 163 NMRTLH-11N2010 163 NMRTLH-11N2010 163 NMRTLH-11N2050 163	NPD-22RFK 21 NPD-24DFK/A 21 NPD-24DFK/A 21 NPD-E22/30 20 NPD-E22/40 20 NPD-E22/40 20 NPD-E22/40 20 NPD-E24/30 20 NPD-E24/30 20 NPD-E24/40 20 NPD-E24/40 103 NPC-13 103 NPK-13 103 NPK-13/E 103 NPK-13E 103 NPK-18E 103
NMRT-12L12CD 162 NMRT-12L2027 162 NMRT-12L2030 162 NMRT-12L2035 162 NMRT-12L2040 162 NMRT-12L3027 162 NMRT-12L3027 162 NMRT-12L3030 162 NMRT-12L3035 162 NMRT-12L3040 162 NMRT-12L3040 162 NMRT-12L3040 162 NMRT-12L3040 162 NMRT-12L3040 162 NMRT-12L3040 162 NMRT-12L8540 162 NMRT-12L8540 162 NMRT-12L8550 162 NMRT-12L8550 162 NMRT-12L8540 162 NMRT-13418 167	NMRTLG-12D2L19 161 NMRTLG-3D1L19 161 NMRTLG-13D2L19 161 NMRTLG-13D2L19 161 NMRTLH-11N1010 163 NMRTLH-11N1015 163 NMRTLH-11N1025 163 NMRTLH-11N1055 163 NMRTLH-11N1075 163 NMRTLH-11N2010 163 NMRTLH-11N2010 163 NMRTLH-11N2015 163 NMRTLH-12N1010 163 NMRTLH-12N1010 163 NMRTLH-12N1010 163	NPD-22RFK 21 NPD-24DFK/A 21 NPD-24DFK/A 21 NPD-E22/30 20 NPD-E22/40 20 NPD-E22/40 20 NPD-E22/50 20 NPD-E24/50 20 NPD-E24/50 20 NPD-E24/50 103 NPC-13/2L 103 NPK-13/2L 103 NPK-13/EL 103 NPK-13EL 103 NPK-13EL 103 NPK-13EL 103 NPK-26EL 103 NPK-26EL 103 NPK-30 152 NR-30 152 NR-301 152
NMRT-12L12CD 162 NMRT-12L2027 162 NMRT-12L2030 162 NMRT-12L2035 162 NMRT-12L2040 162 NMRT-12L20CD 162 NMRT-12L3027 162 NMRT-12L3037 162 NMRT-12L3030 162 NMRT-12L3035 162 NMRT-12L3040 162 NMRT-12L30CD 162 NMRT-12L30CD 162 NMRT-12L35CD 162 NMRT-12L8527 162 NMRT-12L8527 162 NMRT-12L8535 162 NMRT-12L8535 162 NMRT-12L8540 162 NMRT-12L8540 162 NMRT-12L8540 162	NMRTLG-12D2L19 161 NMRTLG-3D1L19 161 NMRTLG-3D1L19 161 NMRTLG-13D2L19 161 NMRTLH1N1010 163 NMRTLH-11N1015 163 NMRTLH-11N1025 163 NMRTLH-11N1050 163 NMRTLH-11N1050 163 NMRTLH-11N1050 163 NMRTLH-11N2010 163 NMRTLH-11N2010 163 NMRTLH-11N2010 163 NMRTLH-11N2010 163 NMRTLH-11N2010 163 NMRTLH-11N2050 163	NPD-22RFK 21 NPD-24DFK/A 21 NPD-24DFK/A 21 NPD-E22/30 20 NPD-E22/40 20 NPD-E22/40 20 NPD-E22/40 20 NPD-E24/30 20 NPD-E24/30 20 NPD-E24/40 20 NPD-E24/40 103 NPC-13 103 NPK-13 103 NPK-13/E 103 NPK-13E 103 NPK-18E 103
NMRT-12L12CD 162 NMRT-12L2027 162 NMRT-12L2030 162 NMRT-12L2035 162 NMRT-12L2040 162 NMRT-12L3027 162 NMRT-12L3027 162 NMRT-12L3030 162 NMRT-12L3035 162 NMRT-12L3040 162 NMRT-12L3040 162 NMRT-12L3040 162 NMRT-12L3040 162 NMRT-12L3040 162 NMRT-12L3040 162 NMRT-12L8540 162 NMRT-12L8540 162 NMRT-12L8550 162 NMRT-12L8550 162 NMRT-12L8540 162 NMRT-13418 167	NMRTLG-12D2L19 161 NMRTLG-13D1L19 161 NMRTLG-13D1L19 161 NMRTLG-13D2L19 161 NMRTLH-11N1010 163 NMRTLH-11N1015 163 NMRTLH-11N1025 163 NMRTLH-11N1055 163 NMRTLH-11N1075 163 NMRTLH-11N1075 163 NMRTLH-11N2010 163 NMRTLH-11N2010 163 NMRTLH-11N2015 163 NMRTLH-12N1015 163 NMRTLH-12N1015 163 NMRTLH-12N1015 163 NMRTLH-12N1020 163 NMRTLH-12N1020 163 NMRTLH-12N1020 163 NMRTLH-12N1020 163	NPD-22RFK 21 NPD-24DFK/A 21 NPD-24DFK/A 21 NPD-E22/30 20 NPD-E22/40 20 NPD-E22/40 20 NPD-E22/50 20 NPD-E24/50 20 NPD-E24/50 20 NPD-E24/50 103 NPC-13/2L 103 NPK-13/2L 103 NPK-13/EL 103 NPK-13EL 103 NPK-13EL 103 NPK-13EL 103 NPK-26EL 103 NPK-26EL 103 NPK-30 152 NR-30 152 NR-301 152
NMRT-12L12CD 162 NMRT-12L2O27 162 NMRT-12L2O30 162 NMRT-12L2O35 162 NMRT-12L2O40 162 NMRT-12L3O40 162 NMRT-12L3O27 162 NMRT-12L3O35 162 NMRT-12L3O35 162 NMRT-12L3O30 162 NMRT-12L3O40 162 NMRT-12L3O40 162 NMRT-12L3O55 162 NMRT-12L3O55 162 NMRT-12L8527 162 NMRT-12L8527 162 NMRT-12L8530 162 NMRT-12L8530 162 NMRT-12L8540 162 NMRT-12L8540 162 NMRT-12L8540 162 NMRT-13445 167 NMRT-13445 167 NMRT-13445 167 NMRT-13445 167	NMRTLG-12D2L19 161 NMRTLG-3D1L19 161 NMRTLG-3D1L19 161 NMRTLG-13D1L19 161 NMRTLG-13D1L19 163 NMRTLL-11N1015 163 NMRTLL-11N1025 163 NMRTLL-11N1050 163 NMRTLL-11N1050 163 NMRTLL-11N1051 163 NMRTLL-11N2D15 163 NMRTLL-11N2D15 163 NMRTLL-11N2D15 163 NMRTLL-11N2D15 163 NMRTLL-11N2D15 163 NMRTLL-11N2D50 163 NMRTLL-12N1D15 163	NPD-22RFK 21 NPD-24DFK/A 21 NPD-24DFK/K 21 NPD-E22/30 20 NPD-E22/40 20 NPD-E22/40 20 NPD-E22/40 20 NPD-E24/30 20 NPD-E24/30 20 NPD-E24/30 100 NPD-E24/30 100 NPD-E24/30 100 NPD-E24/50 100 NPD-FK 21 NPK-13 103 NPK-13/E 103 NPK-13EL 103 NPK-13EL 103 NPK-18EL 103 NPK-18EL 103 NPK-18EL 103 NPK-18EL 103 NPK-36EL 152 NR-301 152 NR-301 152 NR-301 152 NR-401 152 NR-401 152
MMRT-12L12CD 162 NMRT-12L2037 162 NMRT-12L2035 162 NMRT-12L2035 162 NMRT-12L2040 162 NMRT-12L20CD 162 NMRT-12L3007 162 NMRT-12L3007 162 NMRT-12L3005 162 NMRT-12L3035 162 NMRT-12L3040 162 NMRT-12L3040 162 NMRT-12L3040 162 NMRT-12L3040 162 NMRT-12L8530 162 NMRT-12L8537 162 NMRT-12L8530 162 NMRT-12L8530 162 NMRT-12L8530 162 NMRT-12L8540 162 NMRT-12L8540 162 NMRT-13445 167 NMRT-13445 167 NMRT-13445 167 NMRT-13465 167	NMRTLG-12D2L19 161 NMRTLG-3D1L19 161 NMRTLG-3D1L19 161 NMRTLG-13D2L19 161 NMRTLH1N1010 163 NMRTLH-11N1015 163 NMRTLH-11N1025 163 NMRTLH-11N1050 163 NMRTLH-11N1050 163 NMRTLH-11N2010 163 NMRTLH-11N2010 163 NMRTLH-11N2015 163 NMRTLH-11N2015 163 NMRTLH-11N2015 163 NMRTLH-11N2015 163 NMRTLH-11N2015 163 NMRTLH-11N205 163 NMRTLH-11N205 163 NMRTLH-11N205 163 NMRTLH-11N205 163 NMRTLH-12N1010 163	NPD-22RFK 21 NPD-24DFK/A 21 NPD-24DFK/A 21 NPD-E22/30 20 NPD-E22/30 20 NPD-E22/40 20 NPD-E22/50 20 NPD-E24/50 20 NPD-E24/50 20 NPD-E24/50 10 NPD-E24/50 10 NPC-E24/50 10 NPC-E24/50 10 NPC-E24/50 10 NPC-E24/50 10 NPC-PFK 11 NPK-13 103 NPK-13/2L 103 NPK-13/EL 103 NPK-13/EL 103 NPK-13/EL 103 NPK-13/EL 103 NPK-13/EL 103 NPK-26/EL 103
NMRT-12L12CD 162 NMRT-12L2O27 162 NMRT-12L2O30 162 NMRT-12L2O35 162 NMRT-12L2O40 162 NMRT-12L3O40 162 NMRT-12L3O27 162 NMRT-12L3O35 162 NMRT-12L3O35 162 NMRT-12L3O30 162 NMRT-12L3O40 162 NMRT-12L3O40 162 NMRT-12L3O55 162 NMRT-12L3O55 162 NMRT-12L8527 162 NMRT-12L8527 162 NMRT-12L8530 162 NMRT-12L8530 162 NMRT-12L8540 162 NMRT-12L8540 162 NMRT-12L8540 162 NMRT-13445 167 NMRT-13445 167 NMRT-13445 167 NMRT-13445 167	NMRTLG-12D2L19 161 NMRTLG-3D1L19 161 NMRTLG-3D1L19 161 NMRTLG-13D1L19 161 NMRTLG-13D1L19 163 NMRTLL-11N1015 163 NMRTLL-11N1025 163 NMRTLL-11N1050 163 NMRTLL-11N1050 163 NMRTLL-11N1051 163 NMRTLL-11N2D15 163 NMRTLL-11N2D15 163 NMRTLL-11N2D15 163 NMRTLL-11N2D15 163 NMRTLL-11N2D15 163 NMRTLL-11N2D50 163 NMRTLL-12N1D15 163	NPD-22RFK 21 NPD-24DFK/A 21 NPD-24DFK/K 21 NPD-E22/30 20 NPD-E22/40 20 NPD-E22/40 20 NPD-E22/40 20 NPD-E24/30 20 NPD-E24/30 20 NPD-E24/30 100 NPD-E24/30 100 NPD-E24/30 100 NPD-E24/50 100 NPD-FK 21 NPK-13 103 NPK-13/E 103 NPK-13EL 103 NPK-13EL 103 NPK-18EL 103 NPK-18EL 103 NPK-18EL 103 NPK-18EL 103 NPK-36EL 152 NR-301 152 NR-301 152 NR-301 152 NR-401 152 NR-401 152



NRA-106 152	NRS11-104BZA12 197	NRS19-462PW191
NRA-11 153	NRS11-104BZE10 197	NRS19-463(finish)PW 219
NRA-123MAG 153	NRS11-104S 202	NRS19-463PW191
NRA-125 324	NRS11-104SA12 197	NRS19-464CL 191, 218
NRA-125/12 291, 295, 302,	NRS11-104SE10 197	NRS19-464FR 191, 218
308, 316, 322, 324, 327	NRS11-105S 202	NRS19-464SF 191, 218
NRA-125/18 291, 295, 302,	NRS11-106S 202	NRS19-465 185
308, 316, 322, 324, 327	NRS11-107S 202	NRS19-465BN 220
NRA-125/6291, 295, 302, 308,	NRS11-108S 202	NRS19-474BZ 203
316, 322, 324, 327	NRS11-112S 202	NRS19-501 219
NRA-125/72 291, 295, 302,	NRS11-251S 203	NRS19-501BN 203
308, 316, 322, 324, 327	NRS11-252S 203	NRS19-551 185
NRA-126 151	NRS11-253BN 202	NRS19-551S 221
NRA-127 324	NRS11-260BZ 203	NRS19-562(finish)PW 219
NRA-130 153	NRS11-302BNA12 198	NRS19-562PW191
NRA-132/24275	NRS11-302BNE10 198	NRS19-563PW219
NRA-132/48 275	NRS11-302BZA12 198	NRS21-102 217
NRA-132/72275	NRS11-302BZE10 198	NRS21-252 217
NRA-132/96 275	NRS11-302S 203	NRS21-4104 216
NRA-136 227	NRS11-302SA12 198	NRS21-8104 217
NRA-14 153	NRS11-302SE10 198	NRS29-4201 216
NRA-14/5 153	NRS11-310BNA12 198	NRS29-4202 216
NRA-143W324	NRS11-310BNE10 198	NRS29-4203 217
NRA-15 153	NRS11-310BZA12 198	NRS29-4204 217
NRA-151 153	NRS11-310BZE10 198	NRS29-4411 217
NRA-160 153	NRS11-310SA12 198	NRS29-6451 217
NRA-203 152	NRS11-310SE10 198	NRS29-6462 217
NRA-21 153		
	NRS11-320 215	NRS29-C204 216
NRA-22 152	NRS11-320BNA12 199	NRS33-901S 208
NRA-28		NRS33-902S 209
NRA-28 153	NRS11-320BZA12 199	NR533-9025 209
NRA-29/75 153	NRS11-320SA12 199	NRS34-201PW
NRA-29/75/277V 153	NRS12-107BNA35 199	NRS34-202PW210
NRA-34 153	NRS12-107BZA35 199	NRS34-203PW
NINA-34 133		
NRA-34/10 128, 150, 153	NRS12-107SA35 199	NRS34-204 210
NRA-36 153	NRS12-108BNA82 199	NRS34-450 185
NRA-37/10 128, 150, 153	NRS12-108BZA82 199	NRS34-450BZ 221
NRA-38 153	NRS12-108SA82 199	NRS34-456 185
NRA-60 153	NRS12-109BNA22 198	NRS34-456BZ 221
NRA-6035W/10 291, 302, 327	NRS12-109BZA22 198	NRS34-462(finish)PW 219
NRA-6035W/6 . 291, 302, 327	NRS12-109SA22 198	NRS34-462PW
NRA-6037 153	NRS12-112BNA22 199	NRS34-463(finish)PW 219
	NR51Z-11ZBNAZZ 199	NR534-463(IIIISII)PW 219
NII 0007 100		
		NRS34-463PW 191
NRA-6040 227	NRS12-112BZA22 199	NRS34-463PW191
		NRS34-463PW191 NRS34-551185
NRA-6040	NRS12-112BZA22 199 NRS12-112SA22 199	NRS34-551 185
NRA-6040	NRS12-112BZA22 199 NRS12-112SA22 199 NRS17-301 215	NRS34-551
NRA-6040 227 NRA-6047 324 NRA-6061 153 NRA-6301 156	NRS12-112BZA22 199 NRS12-112SA22 199	NRS34-551 185
NRA-6040 227 NRA-6047 324 NRA-6061 153 NRA-6301 156	NRS12-112BZA22	NRS34-551
NRA-6040 227 NRA-6047 324 NRA-6061 153 NRA-6301 156 NRA-82 275	NRS12-112BZA22 199 NRS12-112SA22 199 NRS17-301 215 NRS18-122BZA22 198 NRS18-122BZA23 198	NRS34-551
NRA-6040 227 NRA-6047 324 NRA-6061 153 NRA-6301 156	NRS12-112BZA22	NRS34-551 185 NRS34-551S 221 NRS34-562(finish)PW 219 NRS34-562PW 191 NRS34-563PW 191, 219
NRA-6040 227 NRA-6047 324 NRA-6061 153 NRA-6301 156 NRA-82 275 NRA-86 152	NRS12-112BZA22 199 NRS12-112SA22 199 NRS17-301 215 NRS18-122BZA22 198 NRS18-122BZA23 198 NRS18-122BZE20 198	NRS34-551 185 NRS34-551S 221 NRS34-562(finish)PW 219 NRS34-562PW 191 NRS34-563PW 191, 219
NRA-6040	NRS12-112BZA22 199 NRS12-112SA22 199 NRS17-301 215 NRS18-122BZA22 198 NRS18-122BZA23 198 NRS18-122BZE20 198 NRS18-122BZE20 198 NRS18-122BZE21 198	NRS34-551
NRA-6040 227 NRA-6047 324 NRA-6061 153 NRA-6301 156 NRA-82 275 NRA-86 152	NRS12-112BZA22 199 NRS12-112SA22 199 NRS17-301 215 NRS18-122BZA22 198 NRS18-122BZA23 198 NRS18-122BZE20 198	NRS34-551 185 NRS34-551S 221 NRS34-562(finish)PW 219 NRS34-562PW 191 NRS34-563PW 191, 219
NRA-6040 227 NRA-6047 324 NRA-6061 153 NRA-6301 156 NRA-82 275 NRA-86 152 NRA-88-20142F9 197 NRM-411 47	NRS12-112BZA22 199 NRS12-112SA22 199 NRS17-301 215 NRS18-122BZA22 198 NRS18-122BZA23 198 NRS18-122BZE20 198 NRS18-122BZE21 198 NRS18-122SZE25 204	NRS34-551 185 NRS34-5515 221 NRS34-562(finish)PW 219 NRS34-562PW 191 NRS34-563PW 191, 219 NRS36-101BN 208 NRS36-102S 208
NRA-6040 227 NRA-6047 324 NRA-6061 153 NRA-6301 156 NRA-82 275 NRA-86 152 NRE-820L42F9 197 NRM-411 47 NRM-412 47	NRS12-112BZA22 199 NRS12-112SA22 199 NRS17-301 215 NRS18-122BZA22 198 NRS18-122BZA23 198 NRS18-122BZE20 198 NRS18-122BZE21 198 NRS18-122BZE21 198 NRS18-122S 204 NRS18-122SA22 198	NRS34-551 185 NRS34-5515 221 NRS34-562(finish)PW 219 NRS34-562PW 191 NRS34-563PW 191, 219 NRS36-101BN 208 NRS36-102S 208 NRS36-103BN 208
NRA-6040 227 NRA-6047 324 NRA-6061 153 NRA-6301 156 NRA-82 275 NRA-86 152 NRA-88-20142F9 197 NRM-411 47	NRS12-112BZA22 199 NRS12-112SA22 199 NRS17-301 215 NRS18-122BZA22 198 NRS18-122BZA23 198 NRS18-122BZE20 198 NRS18-122BZE21 198 NRS18-122SZE22 204	NRS34-551 185 NRS34-5515 221 NRS34-562(finish)PW 219 NRS34-562PW 191 NRS34-563PW 191, 219 NRS36-101BN 208 NRS36-102S 208
NRA-6040	NRS12-112BZA22 199 NRS12-112SA22 199 NRS17-301 215 NRS18-122BZA22 198 NRS18-122BZA23 198 NRS18-122BZE20 198 NRS18-122BZE21 198 NRS18-122BZE21 198 NRS18-122S 204 NRS18-122SA22 198 NRS18-122SA22 198 NRS18-122SA23 198	NRS34-551 185 NRS34-551S 221 NRS34-562(finish)PW 219 NRS34-562PW 191 NRS34-563PW 191, 219 NRS36-101BN 208 NRS36-101BN 208 NRS36-103BN 208 NRS36-103BN 208
NRA-6040 227 NRA-6047 324 NRA-6061 153 NRA-6301 156 NRA-82 275 NRA-86 152 NRE-820142P9 197 NRM-411 47 NRM-412 47 NRM-413 47 NRM-418 47	NRS12-112BZA22 199 NRS12-112SA22 199 NRS12-112SA22 198 NRS18-122BZA22 198 NRS18-122BZA23 198 NRS18-122BZE20 198 NRS18-122BZE21 198 NRS18-122BZE21 198 NRS18-122BZE21 198 NRS18-122SA22 198 NRS18-122SA22 198 NRS18-122SA23 198 NRS18-122SA23 198	NRS34-551 185 NRS34-551S 221 NRS34-562(finish)PW 219 NRS34-562PW 191 NRS34-563PW 191, 219 NRS36-101BN 208 NRS36-102S 208 NRS36-104S 208 NRS36-104S 208 NRS36-104S 208
NRA-6040	NRS12-112BZA22 199 NRS12-112SA22 199 NRS12-112SA22 198 NRS18-122BZA22 198 NRS18-122BZA23 198 NRS18-122BZE20 198 NRS18-122BZE21 198 NRS18-122BZE21 198 NRS18-122BZE21 198 NRS18-122SA22 198 NRS18-122SA22 198 NRS18-122SA23 198 NRS18-122SA23 198	NRS34-551 185 NRS34-551S 221 NRS34-562(finish)PW 219 NRS34-562PW 191 NRS34-563PW 191, 219 NRS36-101BN 208 NRS36-101BN 208 NRS36-103BN 208 NRS36-103BN 208
NRA-6040 227 NRA-6047 324 NRA-6061 153 NRA-6301 156 NRA-82 275 NRA-86 152 NRE-820142F9 197 NRM-411 47 NRM-412 47 NRM-418 47 NRM-418 47 NRM-511 49	NRS12-112BZA22 199 NRS12-112SA22 199 NRS17-301 215 NRS18-122BZA22 198 NRS18-122BZA23 198 NRS18-122BZE20 198 NRS18-122BZE21 198 NRS18-122BZE21 198 NRS18-122SA22 198 NRS18-122SA22 198 NRS18-122SA22 198 NRS18-122SA23 198 NRS18-122SE20 198 NRS18-122SE21 198	NRS34-551 185 NRS34-5515 221 NRS34-562(finish)PW 219 NRS34-562PW 191 NRS34-563PW 191, 219 NRS36-101BN 208 NRS36-102S 208 NRS36-103BN 208 NRS36-104S 208 NRS36-105BZ 208 NRS36-106S 208
NRA-6040	NRS12-112BZA22 199 NRS12-112SA22 199 NRS17-301 215 NRS18-122BZA22 198 NRS18-122BZA23 198 NRS18-122BZE20 198 NRS18-122BZE21 198 NRS18-122SZE21 198 NRS18-122SA23 198 NRS18-123BZ 198	NRS34-551 185 NRS34-5515 221 NRS34-562(finish)PW 219 NRS34-562PW 191 NRS34-563PW 191, 219 NRS36-101BN 208 NRS36-102S 208 NRS36-104S 208 NRS36-104S 208 NRS36-106S 208 NRS36-106S 208 NRS36-107S 208
NRA-6040 227 NRA-6047 324 NRA-6061 153 NRA-6301 156 NRA-82 275 NRA-86 152 NRE-820142F9 197 NRM-411 47 NRM-412 47 NRM-418 47 NRM-418 47 NRM-511 49	NRS12-112BZA22 199 NRS12-112SA22 199 NRS17-301 215 NRS18-122BZA22 198 NRS18-122BZA23 198 NRS18-122BZE20 198 NRS18-122BZE21 198 NRS18-122BZE21 198 NRS18-122SA22 198 NRS18-122SA22 198 NRS18-122SA22 198 NRS18-122SA23 198 NRS18-122SE20 198 NRS18-122SE21 198	NRS34-551 185 NRS34-5515 221 NRS34-562(finish)PW 219 NRS34-562PW 191 NRS34-563PW 191, 219 NRS36-101BN 208 NRS36-102S 208 NRS36-103BN 208 NRS36-104S 208 NRS36-105BZ 208 NRS36-106S 208
NRA-6040	NRS12-112BZA22 199 NRS12-112SA22 199 NRS12-112SA22 198 NRS18-122BZA22 198 NRS18-122BZA23 198 NRS18-122BZE20 198 NRS18-122BZE21 198 NRS18-122BZE21 198 NRS18-122BZE21 198 NRS18-122BZE21 198 NRS18-122SA22 198 NRS18-122SA23 198 NRS18-122SE21 198 NRS18-122SE21 198 NRS18-122SE21 198 NRS18-122SE21 198 NRS18-123BZ 204 NRS18-123BZ 204 NRS18-123BZ 204	NRS34-551 185 NRS34-5615 221 NRS34-562(finish)PW 219 NRS34-562PW 191 NRS34-563PW 191, 219 NRS36-101BN 208 NRS36-101BN 208 NRS36-103BN 208 NRS36-104S 208 NRS36-105BZ 208 NRS36-105BZ 208 NRS36-105BZ 208 NRS36-1075 208 NRS36-1075 208 NRS36-251 210
NRA-6040 227 NRA-6047 324 NRA-6061 153 NRA-6301 156 NRA-82 275 NRA-86 152 NRA-86 152 NRM-411 47 NRM-412 47 NRM-418 47 NRM-511 49 NRM-512 49 NRM-512 49 NRM-511 49 NRM-511 49 NRM-511 49 NRM-511 49 NRM-511 49 NRM-511 51	NRS12-112BZA22 199 NRS12-112SA22 199 NRS12-112SA22 198 NRS18-122BZA22 198 NRS18-122BZA23 198 NRS18-122BZE20 198 NRS18-122BZE21 198 NRS18-122BZE21 198 NRS18-122SA22 198 NRS18-122SA23 198 NRS18-122SA23 198 NRS18-122SE21 198 NRS18-122SE21 198 NRS18-123SA35 198 NRS18-123SA35 198	NRS34-551 185 NRS34-5515 221 NRS34-562(finish)PW 219 NRS34-562PW 191 NRS34-563PW 191, 219 NRS36-101BN 208 NRS36-102S 208 NRS36-102S 208 NRS36-104S 208 NRS36-105BZ 208
NRA-6040 227 NRA-6047 324 NRA-6061 153 NRA-6301 156 NRA-82 275 NRA-86 152 NRA-86 152 NRM-411 47 NRM-412 47 NRM-418 47 NRM-511 49 NRM-512 49 NRM-512 49 NRM-511 49 NRM-511 49 NRM-511 49 NRM-511 49 NRM-511 49 NRM-511 51	NRS12-112BZA22 199 NRS12-112SA22 199 NRS12-112SA22 198 NRS18-122BZA22 198 NRS18-122BZA23 198 NRS18-122BZE20 198 NRS18-122BZE21 198 NRS18-122BZE21 198 NRS18-122SA22 198 NRS18-122SA23 198 NRS18-122SA23 198 NRS18-122SE21 198 NRS18-122SE21 198 NRS18-123SA35 198 NRS18-123SA35 198	NRS34-551 185 NRS34-5515 221 NRS34-562(finish)PW 219 NRS34-562PW 191 NRS34-563PW 191, 219 NRS36-101BN 208 NRS36-102S 208 NRS36-102S 208 NRS36-104S 208 NRS36-105BZ 208
NRA-6040 227 NRA-6047 324 NRA-6061 153 NRA-6301 156 NRA-82 275 NRA-86 152 NRA-88 152 NRA-88-0142F9 197 NRM-411 47 NRM-412 47 NRM-418 47 NRM-511 49 NRM-512 49 NRM-512 49 NRM-518 49 NRM-518 49 NRM-511 51 NRM-612 51	NRS12-112BZA22 199 NRS12-112SA22 199 NRS12-112SA22 198 NRS18-122BZA22 198 NRS18-122BZA23 198 NRS18-122BZE20 198 NRS18-122BZE21 198 NRS18-122BZE21 198 NRS18-122SA22 198 NRS18-122SA22 198 NRS18-122SA23 198 NRS18-122SA23 198 NRS18-123SA25 198	NRS34-551 185 NRS34-5515 221 NRS34-562[finish]PW 219 NRS34-562PW 191 NRS34-562PW 191, 219 NRS36-1025 208 NRS36-1025 208 NRS36-103BN 208 NRS36-1045 208 NRS36-105BZ 208 NRS36-1065 208 NRS36-1065 208 NRS36-1075 208 NRS36-252 210 NRS36-302S 209
NRA-6040	NRS12-112BZA22 199 NRS12-112SA22 199 NRS12-112SA22 198 NRS18-122BZA22 198 NRS18-122BZA23 198 NRS18-122BZE20 198 NRS18-122BZE20 198 NRS18-122BZE21 198 NRS18-122BZE21 198 NRS18-122BZE21 198 NRS18-122SA22 198 NRS18-122SA22 198 NRS18-122SE21 198 NRS18-122SE21 198 NRS18-123BZA35 198 NRS18-123BZA35 198 NRS18-123BZA35 198 NRS18-123BZA35 198 NRS18-123BZA35 198 NRS18-123BZA35 198 NRS18-128BNA82 198 NRS18-128BNA82 198 NRS18-128BNA82 198	NRS34-551 185 NRS34-5515 221 NRS34-562(finish)PW 219 NRS34-562(FW) 191 NRS34-563PW 191, 219 NRS36-101BN 208 NRS36-103BN 208 NRS36-103BN 208 NRS36-104S 208 NRS36-105BZ 208 NRS36-106S 208 NRS36-107S 208 NRS36-251 210 NRS36-252 210 NRS36-302S 209 NRS36-310S 209
NRA-6040	NRS12-112BZA22 199 NRS12-112SA22 199 NRS12-112SA22 198 NRS18-122BZA22 198 NRS18-122BZA23 198 NRS18-122BZE20 198 NRS18-122BZE20 198 NRS18-122BZE21 198 NRS18-122BZE21 198 NRS18-122BZE21 198 NRS18-122SA22 198 NRS18-122SA22 198 NRS18-122SE21 198 NRS18-122SE21 198 NRS18-123BZA35 198 NRS18-123BZA35 198 NRS18-123BZA35 198 NRS18-123BZA35 198 NRS18-123BZA35 198 NRS18-123BZA35 198 NRS18-128BNA82 198 NRS18-128BNA82 198 NRS18-128BNA82 198	NRS34-551 185 NRS34-5515 221 NRS34-562(finish)PW 219 NRS34-562(FW) 191 NRS34-563PW 191, 219 NRS36-101BN 208 NRS36-103BN 208 NRS36-103BN 208 NRS36-104S 208 NRS36-105BZ 208 NRS36-106S 208 NRS36-107S 208 NRS36-251 210 NRS36-252 210 NRS36-302S 209 NRS36-310S 209
NRA-6040 227 NRA-6047 324 NRA-6047 324 NRA-6061 153 NRA-6301 156 NRA-82 275 NRA-86 152 NRE-820142F9 197 NRM-411 47 NRM-412 47 NRM-413 47 NRM-418 47 NRM-511 49 NRM-511 49 NRM-512 49 NRM-518 49 NRM-611 51 NRM-612 51 NRM-612 51 NRM-614 52 NRM-617 52	NRS12-112BZA22 199 NRS12-112SA22 199 NRS12-112SA22 198 NRS18-122BZA23 198 NRS18-122BZA23 198 NRS18-122BZE20 198 NRS18-122BZE20 198 NRS18-122BZE20 198 NRS18-122BZE21 198 NRS18-122BZE21 198 NRS18-122SA23 198 NRS18-122SA23 198 NRS18-122SE21 198 NRS18-122SE21 198 NRS18-123BZA35 198 NRS18-123BZ 204 NRS18-123BZ 198 NRS18-123BZ 198 NRS18-123BZ 198 NRS18-123BA35 198 NRS18-123BA35 198 NRS18-123BA35 198 NRS18-123BA35 198 NRS18-123BA35 198 NRS18-123BA35 198 NRS18-128BA35 204 NRS18-128BZ 204 NRS18-128BZ 204	NRS34-551 185 NRS34-5515 221 NRS34-562(finish)PW 219 NRS34-562PW 191 NRS34-563PW 191, 219 NRS34-563PW 208 NRS36-1018N 208 NRS36-102S 208 NRS36-103BN 208 NRS36-105BZ 208 NRS36-105BZ 208 NRS36-105BZ 208 NRS36-105BZ 208 NRS36-105BZ 208 NRS36-105BZ 209 NRS36-251 210 NRS36-251 210 NRS36-252 210 NRS36-310S 209 NRS36-310S 209 NRS36-310S 209 NRS36-310S 209 NRS45-201 214
NRA-6040	NRS12-112BZA22 199 NRS12-112SA22 199 NRS12-112SA22 198 NRS18-122BZA22 198 NRS18-122BZA23 198 NRS18-122BZE20 198 NRS18-122BZE20 198 NRS18-122BZE21 198 NRS18-122BZE21 198 NRS18-122BZE21 198 NRS18-122SA22 198 NRS18-122SA22 198 NRS18-122SE21 198 NRS18-122SE21 198 NRS18-123BZA35 198 NRS18-123BZA35 198 NRS18-123BZA35 198 NRS18-123BZA35 198 NRS18-123BZA35 198 NRS18-123BZA35 198 NRS18-128BNA82 198 NRS18-128BNA82 198 NRS18-128BNA82 198	NRS34-551 185 NRS34-5515 221 NRS34-562(finish)PW 219 NRS34-562(FW) 191 NRS34-563PW 191, 219 NRS36-101BN 208 NRS36-103BN 208 NRS36-103BN 208 NRS36-104S 208 NRS36-105BZ 208 NRS36-106S 208 NRS36-107S 208 NRS36-251 210 NRS36-252 210 NRS36-302S 209 NRS36-310S 209
NRA-6040	NRS12-112BZA22 199 NRS12-112SA22 199 NRS12-112SA22 198 NRS18-122BZA22 198 NRS18-122BZA23 198 NRS18-122BZE20 198 NRS18-122BZE21 198 NRS18-122SZE2 198 NRS18-122SA22 198 NRS18-122SA23 198 NRS18-122SA23 198 NRS18-122SA23 198 NRS18-123SA23 198 NRS18-123SA23 198 NRS18-123BZ 198 NRS18-123BZ 198 NRS18-123BZ 198 NRS18-123BZ 198 NRS18-123BZ 198 NRS18-123BZ 198 NRS18-123BZA35 198	NRS34-551 185 NRS34-5515 221 NRS34-562(finish)PW 219 NRS34-562PW 191, 219 NRS34-562PW 191, 219 NRS34-563PW 191, 219 NRS36-1018N 208 NRS36-102S 208 NRS36-103BN 208 NRS36-104S 208 NRS36-106S 208 NRS36-106S 208 NRS36-107S 208 NRS36-251 210 NRS36-252 210 NRS36-301S 209 NRS36-310S 209 NRS36-310S 209 NRS36-310S 209 NRS36-310S 209 NRS36-310S 209 NRS36-310S 209 NRS36-310 214 NRS45-201 214 NRS45-301 190, 214
NRA-6040	NRS12-112BZA22 199 NRS12-112SA22 199 NRS12-112SA22 198 NRS18-301 215 NRS18-122BZA22 198 NRS18-122BZA23 198 NRS18-122BZE20 198 NRS18-122BZE20 198 NRS18-122BZE21 198 NRS18-122SE2 204 NRS18-122SE2 198 NRS18-122SE2 198 NRS18-122SE2 198 NRS18-122SE2 198 NRS18-123BZA35 198 NRS18-123BZA35 198 NRS18-123BZA35 198 NRS18-123BZA 204 NRS18-123BZA35 198 NRS18-13BBNA32 198 NRS18-13BBNA32 199 NRS18-133BZE30 199	NRS34-551 185 NRS34-5515 221 NRS34-562(finish)PW 219 NRS34-562(finish)PW 191 NRS34-562PW 191 NRS34-563PW 191, 219 NRS36-1018 208 NRS36-1028 208 NRS36-103BN 208 NRS36-104S 208 NRS36-105BZ 208 NRS36-106S 208 NRS36-106S 208 NRS36-107S 208 NRS36-251 210 NRS36-252 210 NRS36-302S 209 NRS36-310S 209 NRS36-310S 209 NRS36-301 190, 214 NRS45-301 190, 214
NRA-6040	NRS12-112BZA22 199 NRS12-112SA22 199 NRS12-112SA22 198 NRS18-122BZA22 198 NRS18-122BZA23 198 NRS18-122BZE20 198 NRS18-122BZE21 198 NRS18-122SZE2 198 NRS18-122SA22 198 NRS18-122SA23 198 NRS18-122SA23 198 NRS18-122SA23 198 NRS18-123SA23 198 NRS18-123SA23 198 NRS18-123BZ 198 NRS18-123BZ 198 NRS18-123BZ 198 NRS18-123BZ 198 NRS18-123BZ 198 NRS18-123BZ 198 NRS18-123BZA35 198	NRS34-551 185 NRS34-5515 221 NRS34-562(finish)PW 219 NRS34-562PW 191, 219 NRS34-562PW 191, 219 NRS34-563PW 191, 219 NRS36-1018N 208 NRS36-102S 208 NRS36-103BN 208 NRS36-104S 208 NRS36-106S 208 NRS36-106S 208 NRS36-107S 208 NRS36-251 210 NRS36-252 210 NRS36-301S 209 NRS36-310S 209 NRS36-310S 209 NRS36-310S 209 NRS36-310S 209 NRS36-310S 209 NRS36-310S 209 NRS36-310 214 NRS45-201 214 NRS45-301 190, 214
NRA-6040	NRS12-112BZA22 199 NRS12-112SA22 199 NRS12-112SA22 198 NRS18-122BZA22 198 NRS18-122BZA23 198 NRS18-122BZE20 198 NRS18-122BZE20 198 NRS18-122BZE20 198 NRS18-122BZE21 198 NRS18-122BZE21 198 NRS18-122SA22 198 NRS18-122SA22 198 NRS18-122SA23 198 NRS18-12SA23 198 NRS18-12SA23 198 NRS18-12SE21 198 NRS18-12SE21 198 NRS18-123BZ 204 NRS18-123BZ 204 NRS18-123BZ 204 NRS18-123BZ 198 NRS18-123BZ 198 NRS18-123BZ 204 NRS18-123BZ 204 NRS18-123BZ 198 NRS18-123BZ 198 NRS18-123BZ 199 NRS18-133BNE30 199 NRS18-133BNE30 199 NRS18-133SE30 199 NRS18-133SE30 199 NRS18-133SE30 199	NRS34-551 185 NRS34-5515 221 NRS34-562(finish)PW 219 NRS34-562PW 191 NRS34-562PW 191, 219 NRS34-563PW 298 NRS36-1018N 208 NRS36-102S 208 NRS36-103BN 208 NRS36-105BZ 209 NRS36-310S 209 NRS36-310S 209 NRS45-201 214 NRS45-301 190, 214 NRS45-401 190, 214 NRS45-401 190, 214 NRS48-468 185
NRA-6040	NRS12-112BZA22 199 NRS12-112SA22 199 NRS12-112SA22 198 NRS18-301 1215 NRS18-122BZA23 198 NRS18-122BZA23 198 NRS18-122BZE20 198 NRS18-122BZE20 198 NRS18-122BZE21 198 NRS18-122BZE21 198 NRS18-122SA22 198 NRS18-122SA23 198 NRS18-122SE21 198 NRS18-122SE21 198 NRS18-123BZA35 198 NRS18-123BZ 109 NRS18-123BZ 109 NRS18-123BZ 109 NRS18-123BZ 198 NRS18-123BZ 198 NRS18-123BZ 198 NRS18-123BZ 198 NRS18-123BZ 198 NRS18-123BZ 198 NRS18-123BZ 199 NRS18-133BNE30 199 NRS18-133BNE30 199 NRS18-133SE230 199 NRS18-133SE230 199	NRS34-551 185 NRS34-5515 221 NRS34-562(finish)PW 219 NRS34-562PW 191 NRS34-562PW 191, 219 NRS34-563PW 298 NRS36-1018N 208 NRS36-102S 208 NRS36-102S 208 NRS36-105BZ 208 NRS36-105BZ 208 NRS36-105BZ 208 NRS36-105EZ 208 NRS36-251 210 NRS36-251 210 NRS36-252 210 NRS36-310 209 NRS36-310 209 NRS36-310 190, 214 NRS45-301 190, 214 NRS45-301 190, 214 NRS45-401 190, 214 NRS48-468 185 NRS48-468BZ 220
NRA-6040	NRS12-112BZA22 199 NRS12-112SA22 199 NRS12-112SA22 198 NRS18-301 1215 NRS18-122BZA23 198 NRS18-122BZA23 198 NRS18-122BZE20 198 NRS18-122BZE20 198 NRS18-122BZE21 198 NRS18-122BZE21 198 NRS18-122SA22 198 NRS18-122SA23 198 NRS18-122SE21 198 NRS18-122SE21 198 NRS18-123BZA35 198 NRS18-123BZ 109 NRS18-123BZ 109 NRS18-123BZ 109 NRS18-123BZ 198 NRS18-123BZ 198 NRS18-123BZ 198 NRS18-123BZ 198 NRS18-123BZ 198 NRS18-123BZ 198 NRS18-123BZ 199 NRS18-133BNE30 199 NRS18-133BNE30 199 NRS18-133SE230 199 NRS18-133SE230 199	NRS34-551 185 NRS34-5515 221 NRS34-562(finish)PW 219 NRS34-562PW 191 NRS34-562PW 191, 219 NRS34-563PW 298 NRS36-1018N 208 NRS36-102S 208 NRS36-102S 208 NRS36-105BZ 208 NRS36-105BZ 208 NRS36-105BZ 208 NRS36-105EZ 208 NRS36-251 210 NRS36-251 210 NRS36-252 210 NRS36-310 209 NRS36-310 209 NRS36-310 190, 214 NRS45-301 190, 214 NRS45-301 190, 214 NRS45-401 190, 214 NRS48-468 185 NRS48-468BZ 220
NRA-6040	NRS12-112BZA22 199 NRS12-112SA22 199 NRS12-112SA22 198 NRS18-301 215 NRS18-122BZA22 198 NRS18-122BZA23 198 NRS18-122BZE20 198 NRS18-122BZE20 198 NRS18-122BZE21 198 NRS18-122SE20 198 NRS18-122SE20 198 NRS18-122SE21 198 NRS18-122SE20 198 NRS18-122SE20 198 NRS18-122SE20 198 NRS18-123BZ 204 NRS18-123BZ 204 NRS18-123BZ 204 NRS18-123BZ 204 NRS18-123BZ 35 198 NRS18-123BZ 198 NRS18-123BZA35 198 NRS18-123BZA35 198 NRS18-123BZA35 199 NRS18-123BZA35 199 NRS18-123BZA35 199 NRS18-123BZA35 199 NRS18-123BZA35 199 NRS18-133BZ30 199	NRS34-551 185 NRS34-5515 221 NRS34-562[finish]PW 219 NRS34-562PW 191 NRS34-562PW 191, 219 NRS34-563PW 191, 219 NRS36-102S 208 NRS36-102S 208 NRS36-103BN 208 NRS36-104S 208 NRS36-105BZ 208 NRS36-106S 208 NRS36-106S 208 NRS36-107S 208 NRS36-251 210 NRS36-252 210 NRS36-302S 209 NRS36-310S 209 NRS45-201 214 NRS45-301 190, 214 NRS45-401 190, 214 NRS45-401 190, 214 NRS48-468 185 NRS48-468BZ 220 NRS51-103 212
NRA-6040	NRS12-112BZA22 199 NRS12-112SA22 199 NRS12-112SA22 198 NRS18-122BZA22 198 NRS18-122BZA23 198 NRS18-122BZE20 198 NRS18-122BZE20 198 NRS18-122BZE21 198 NRS18-122BZE21 198 NRS18-122BZE21 198 NRS18-122BZE21 198 NRS18-122SE21 198 NRS18-122SE21 198 NRS18-122SE21 198 NRS18-123BZ 204 NRS18-123BZ 204 NRS18-123BZ 204 NRS18-123BZ 204 NRS18-123BZ 198 NRS18-123BZ 198 NRS18-123BZ 198 NRS18-133BA25 198 NRS18-133BA25 198 NRS18-133BA35 198 NRS18-133BA35 199 NRS18-133BA35 199 NRS18-133BA35 199 NRS18-133BA250 199 NRS18-133SE30 199 NRS18-133SE30 199 NRS18-133BS10A32 199 NRS18-133BS2A32 199	NRS34-551 185 NRS34-5515 221 NRS34-562(finish)PW 219 NRS34-562PW 191 NRS34-562PW 191, 219 NRS34-563PW 298 NRS36-1018N 208 NRS36-102S 208 NRS36-102S 208 NRS36-105BZ 208 NRS36-105BZ 208 NRS36-105BZ 208 NRS36-105EZ 208 NRS36-251 210 NRS36-251 210 NRS36-252 210 NRS36-310 209 NRS36-310 209 NRS36-310 190, 214 NRS45-301 190, 214 NRS45-301 190, 214 NRS45-401 190, 214 NRS48-468 185 NRS48-468BZ 220
NRA-6040	NRS12-112BZA22 199 NRS12-112SA22 199 NRS12-112SA22 198 NRS18-122BZA22 198 NRS18-122BZA23 198 NRS18-122BZE20 198 NRS18-122BZE20 198 NRS18-122BZE21 198 NRS18-122BZE21 198 NRS18-122BZE21 198 NRS18-122BZE21 198 NRS18-122SE21 198 NRS18-122SE21 198 NRS18-122SE21 198 NRS18-123BZ 204 NRS18-123BZ 204 NRS18-123BZ 204 NRS18-123BZ 204 NRS18-123BZ 198 NRS18-123BZ 198 NRS18-123BZ 198 NRS18-133BA25 198 NRS18-133BA25 198 NRS18-133BA35 198 NRS18-133BA35 199 NRS18-133BA35 199 NRS18-133BA35 199 NRS18-133BA250 199 NRS18-133SE30 199 NRS18-133SE30 199 NRS18-133BS10A32 199 NRS18-133BS2A32 199	NRS34-551 185 NRS34-5515 221 NRS34-562(finish)PW 219 NRS34-562(Finish)PW 191 NRS34-562PW 191 NRS34-563PW 191, 219 NRS36-101BN 208 NRS36-102S 208 NRS36-104S 208 NRS36-105BZ 208 NRS36-106S 208 NRS36-105BZ 208 NRS36-105BZ 208 NRS36-105BZ 208 NRS36-105BZ 208 NRS36-105BZ 208 NRS36-105BZ 209 NRS36-251 210 NRS36-251 210 NRS36-251 210 NRS36-251 210 NRS36-310S 209 NRS45-201 214 NRS45-301 190, 214 NRS45-301 190, 214 NRS45-301 190, 214 NRS48-468 185 NRS48-468BZ 220 NRS51-103 212 NRS51-103 212
NRA-6040	NRS12-112BZA22 199 NRS12-112SA22 199 NRS12-112SA22 198 NRS18-122BZA23 198 NRS18-122BZA23 198 NRS18-122BZE20 198 NRS18-122BZE20 198 NRS18-122BZE20 198 NRS18-122BZE21 198 NRS18-122BZE21 198 NRS18-122SA22 198 NRS18-122SA22 198 NRS18-122SA23 198 NRS18-12SA23 198 NRS18-12SA23 198 NRS18-12SBZ 198 NRS18-12SBZ 198 NRS18-123BZ 204 NRS18-123BZ 204 NRS18-123BZ 204 NRS18-123BZ 198 NRS18-123BZ 198 NRS18-123BZ 198 NRS18-123BZ 199 NRS18-133SBU30 199 NRS18-133BNE30 199 NRS18-133SE30 199 NRS18-133BNE30 199 NRS18-133BNE30 199 NRS18-133BSUA32 199 NRS18-133BBUA32 199 NRS18-133BBUA32 199 NRS18-133BAZA82 199 NRS18-138BAZA82 199 NRS18-138BAZA82 199	NRS34-551 185 NRS34-5515 221 NRS34-562(finish)PW 219 NRS34-562PW 191 NRS34-562PW 191, 219 NRS34-563PW 191, 219 NRS36-101BN 208 NRS36-102S 208 NRS36-102S 208 NRS36-105BZ 208 NRS36-105BZ 208 NRS36-105BZ 208 NRS36-105BZ 208 NRS36-105BZ 208 NRS36-105BZ 209 NRS36-105BZ 209 NRS36-105BZ 209 NRS36-105BZ 209 NRS36-105BZ 209 NRS36-105BZ 209 NRS36-251 210 NRS36-251 210 NRS36-3610 209 NRS36-310 190, 214 NRS45-301 190, 214 NRS45-301 190, 214 NRS45-401 190, 214 NRS48-468BZ 220 NRS51-103 212 NRS51-104 212 NRS51-104 212 NRS51-104 212
NRA-6040	NRS12-112BZA22 199 NRS12-112SA22 199 NRS12-112SA22 198 NRS18-122BZA22 198 NRS18-122BZA23 198 NRS18-122BZE20 198 NRS18-122BZE20 198 NRS18-122BZE21 198 NRS18-122BZE21 198 NRS18-122BZE21 198 NRS18-122BZE21 198 NRS18-122SE21 198 NRS18-122SE21 198 NRS18-122SE21 198 NRS18-123BZ 204 NRS18-123BZ 204 NRS18-123BZ 204 NRS18-123BZ 204 NRS18-123BZ 198 NRS18-123BZ 198 NRS18-123BZ 198 NRS18-133BA25 198 NRS18-133BA25 198 NRS18-133BA35 198 NRS18-133BA35 199 NRS18-133BA35 199 NRS18-133BA35 199 NRS18-133BA250 199 NRS18-133SE30 199 NRS18-133SE30 199 NRS18-133BS10A32 199 NRS18-133BS2A32 199	NRS34-551 185 NRS34-5515 221 NRS34-562(finish)PW 219 NRS34-562(Finish)PW 191 NRS34-562PW 191 NRS34-563PW 191, 219 NRS36-101BN 208 NRS36-102S 208 NRS36-104S 208 NRS36-105BZ 208 NRS36-106S 208 NRS36-105BZ 208 NRS36-105BZ 208 NRS36-105BZ 208 NRS36-105BZ 208 NRS36-105BZ 208 NRS36-105BZ 209 NRS36-251 210 NRS36-251 210 NRS36-251 210 NRS36-251 210 NRS36-310S 209 NRS45-201 214 NRS45-301 190, 214 NRS45-301 190, 214 NRS45-301 190, 214 NRS48-468 185 NRS48-468BZ 220 NRS51-103 212 NRS51-103 212
NRA-6040	NRS12-112BZA22 199 NRS12-112SA22 199 NRS12-112SA22 198 NRS18-122BZA23 198 NRS18-122BZA23 198 NRS18-122BZZE20 198 NRS18-122BZZE20 198 NRS18-122BZZE21 198 NRS18-122BZZE21 198 NRS18-122SA22 198 NRS18-122SA23 198 NRS18-122SA23 198 NRS18-122SA23 198 NRS18-122SA23 198 NRS18-122SE21 198 NRS18-122SE21 198 NRS18-123BZ-35 198 NRS18-123BZ-35 198 NRS18-123BZ-35 198 NRS18-123BZ-35 198 NRS18-123BZ-35 198 NRS18-133BZ-35 198 NRS18-133BZ-35 199 NRS18-133BNA82 199 NRS18-133BAZAB2 199 NRS18-133BAZAB2 199 NRS18-133BAZAB2 199 NRS18-133BAZAB2 199 NRS18-138BAA82 199 NRS18-138SAB2	NRS34-551 185 NRS34-5515 221 NRS34-562(finish)PW 219 NRS34-562PW 191, 219 NRS34-562PW 191, 219 NRS34-563PW 191, 219 NRS36-1018N 208 NRS36-102S 208 NRS36-103BN 208 NRS36-105BZ 208 NRS36-105BZ 208 NRS36-105BZ 208 NRS36-105BZ 208 NRS36-105BZ 208 NRS36-107S 208 NRS36-251 210 NRS36-252 210 NRS36-302S 209 NRS36-310S 209 NRS36-310S 209 NRS36-310S 190, 214 NRS45-301 190, 214 NRS45-301 190, 214 NRS48-468 185 NRS48-468BZ 220 NRS51-103 212 NRS51-104 212 NRS51-105 212 NRS51-105 212 NRS51-105 212
NRA-6040	NRS12-112BZA22 199 NRS12-112SA22 199 NRS12-112SA22 198 NRS18-301 215 NRS18-122BZA22 198 NRS18-122BZA23 198 NRS18-122BZE20 198 NRS18-122BZE20 198 NRS18-122BZE21 198 NRS18-122BZE21 198 NRS18-122BZE21 198 NRS18-122SE21 198 NRS18-122SE21 198 NRS18-122SE21 198 NRS18-122SE21 198 NRS18-123BZA35 198 NRS18-123BZA35 198 NRS18-133BZ 204 NRS18-128BZA82 198 NRS18-138DX82 199 NRS18-133BZ 04 NRS18-133BZ 04 NRS18-133BZ 094 NRS18-133BZ 099 NRS18-133BZ 099 NRS18-133BZ 099 NRS18-133BZ 099 NRS18-133BZA82 199 NRS18-138BZA82 199 NRS18-13BZA82 199 NRS18-13BZA82 199 NRS18-13BZA82 199 NRS18-13BZA82 199 NRS18-13BZA82 199 NRS18-13BZA82 199	NRS34-551 185 NRS34-5515 221 NRS34-562(finish)PW 219 NRS34-562(Finish)PW 191 NRS34-562PW 191 NRS34-563PW 191, 219 NRS36-101BN 208 NRS36-102S 208 NRS36-104S 208 NRS36-105BZ 208 NRS36-105BZ 208 NRS36-105BZ 208 NRS36-105BZ 208 NRS36-105BZ 209 NRS36-105BZ 209 NRS36-105BZ 209 NRS36-105BZ 209 NRS36-105BZ 209 NRS36-105BZ 209 NRS36-251 210 NRS36-251 210 NRS36-251 210 NRS36-301 299 NRS45-201 214 NRS45-301 190, 214 NRS45-301 190, 214 NRS48-468 185 NRS48-468BZ 220 NRS51-104 212 NRS51-104 212 NRS51-105 212 NRS51-108 212 NRS51-108 212 NRS51-108 212
NRA-6040	NRS12-112BZA22 199 NRS12-112SA22 199 NRS12-112SA22 198 NRS18-122BZA23 198 NRS18-122BZA23 198 NRS18-122BZZE20 198 NRS18-122BZZE20 198 NRS18-122BZZE21 198 NRS18-122BZZE21 198 NRS18-122SA22 198 NRS18-122SA23 198 NRS18-122SA23 198 NRS18-122SA23 198 NRS18-122SA23 198 NRS18-122SE21 198 NRS18-122SE21 198 NRS18-123BZ-35 198 NRS18-123BZ-35 198 NRS18-123BZ-35 198 NRS18-123BZ-35 198 NRS18-123BZ-35 198 NRS18-133BZ-35 198 NRS18-133BZ-35 199 NRS18-133BNA82 199 NRS18-133BAZAB2 199 NRS18-133BAZAB2 199 NRS18-133BAZAB2 199 NRS18-133BAZAB2 199 NRS18-138BAA82 199 NRS18-138SAB2	NRS34-551 185 NRS34-5515 221 NRS34-562(finish)PW 219 NRS34-562PW 191, 219 NRS34-562PW 191, 219 NRS34-563PW 191, 219 NRS36-1018N 208 NRS36-102S 208 NRS36-103BN 208 NRS36-105BZ 208 NRS36-105BZ 208 NRS36-105BZ 208 NRS36-105BZ 208 NRS36-105BZ 208 NRS36-107S 208 NRS36-251 210 NRS36-252 210 NRS36-302S 209 NRS36-310S 209 NRS36-310S 209 NRS36-310S 190, 214 NRS45-301 190, 214 NRS45-301 190, 214 NRS48-468 185 NRS48-468BZ 220 NRS51-103 212 NRS51-104 212 NRS51-105 212 NRS51-105 212 NRS51-105 212
NRA-6040	NRS12-112BZA22 199 NRS12-112SA22 199 NRS12-112SA22 198 NRS18-122BZA23 198 NRS18-122BZA23 198 NRS18-122BZE20 198 NRS18-122BZE20 198 NRS18-122BZE21 198 NRS18-122BZE21 198 NRS18-122BZE21 198 NRS18-122SE21 198 NRS18-122SA23 198 NRS18-122SA23 198 NRS18-122SA23 198 NRS18-122SA23 198 NRS18-122SE21 198 NRS18-123BZA35 198 NRS18-123BZA35 198 NRS18-123BZA35 198 NRS18-123BZA35 198 NRS18-133SA35 198 NRS18-133BA2 199 NRS18-133BA2 199 NRS18-133BA230 199 NRS18-133BX230 199 NRS18-133BX230 199 NRS18-133SE30 199 NRS18-133SE30 199 NRS18-133SE30 199 NRS18-133SE30 199 NRS18-133BX230 199 NRS18-138BX2482 204 NRS18-176S 204 NRS18-177S 204	NRS34-551 185 NRS34-5515 221 NRS34-562(finish)PW 219 NRS34-562(finish)PW 191 NRS34-562PW 191 191 NRS34-563PW 191, 219 NRS36-101BN 208 NRS36-102S 208 NRS36-104S 208 NRS36-105BZ 209 NRS36-310S 209 NRS36-310S 209 NRS36-310S 209 NRS45-201 214 NRS45-301 190, 214 NRS45-301 190, 214 NRS45-401 190, 214 NRS48-468 185 NRS48-468BZ 220 NRS51-103 212 NRS51-104 212 NRS51-105 212 NRS51-105 212 NRS51-105 212 NRS51-105 212 NRS51-105 213 NRS52-155 213 NRS52-155 213
NRA-6040 227 NRA-6047 324 NRA-6047 324 NRA-6061 153 NRA-6301 156 NRA-82 275 NRA-86 152 NRE-820L42F9 197 NRM-411 47 NRM-412 47 NRM-413 47 NRM-511 49 NRM-511 49 NRM-512 49 NRM-516 51 NRM-61 51 NRM-61 51 NRM-61 51 NRM-61 51 NRM-61 51 NRM-61 67 NRM-62 67 NRMC-62 67 NRMC-63 53 NRM-68 185 NRS10-466 2200 NRS11-101S 2020 NRS11-101S 2020	NRS12-112BZA22 199 NRS12-112SA22 199 NRS12-112SA22 198 NRS18-301 1215 NRS18-122BZA23 198 NRS18-122BZA23 198 NRS18-122BZE20 198 NRS18-122BZE20 198 NRS18-122BZE21 198 NRS18-122BZE21 198 NRS18-122SA22 198 NRS18-122SA23 198 NRS18-122SA23 198 NRS18-122SE21 198 NRS18-122SE21 198 NRS18-123BZ 204 NRS18-123BZ 204 NRS18-123BZ 204 NRS18-133BNA82 198 NRS18-138BNA82 198 NRS18-133BNA83 199 NRS18-133BNA83 199 NRS18-133SA2E30 199 NRS18-133SE20 199 NRS18-133SE20 199 NRS18-133SE20 199 NRS18-133SE20 199 NRS18-133SE20 199 NRS18-133BNA82 199 NRS18-133BNA82 199 NRS18-133BNA82 199 NRS18-138BNA82 204 NRS18-178S 204 NRS18-177S 204 NRS18-177S 204 NRS18-177S 204	NRS34-551 185 NRS34-5515 221 NRS34-562(finish)PW 219 NRS34-562PW 191 191, 219 NRS34-562PW 191, 219 NRS34-563PW 191, 219 NRS36-1018N 208 NRS36-102S 208 NRS36-102S 208 NRS36-105BZ 208 NRS36-105BZ 208 NRS36-105BZ 208 NRS36-105BZ 208 NRS36-251 210 NRS36-252 210 NRS36-252 210 NRS36-302S 209 NRS36-310S 209 NRS36-310S 190, 214 NRS45-301 190, 214 NRS45-301 190, 214 NRS45-401 190, 214 NRS45-401 190, 214 NRS45-401 190, 214 NRS45-401 212 NRS51-104 212 NRS51-105 212 NRS51-105 212 NRS51-105 212 NRS51-106 212 NRS51-108 212 NRS51-108 212 NRS51-108 212 NRS51-108 212 NRS51-106 213 NRS52-156 213 NRS52-156 213
NRA-6040 227 NRA-6047 324 NRA-6047 324 NRA-6061 153 NRA-6301 156 NRA-82 275 NRA-86 152 NRE-820L42F9 197 NRM-411 47 NRM-412 47 NRM-413 47 NRM-511 49 NRM-511 49 NRM-512 49 NRM-516 51 NRM-61 51 NRM-61 51 NRM-61 51 NRM-61 51 NRM-61 51 NRM-61 67 NRM-62 67 NRMC-62 67 NRMC-63 53 NRM-68 185 NRS10-466 2200 NRS11-101S 2020 NRS11-101S 2020	NRS12-112BZA22 199 NRS12-112SA22 199 NRS12-112SA22 198 NRS18-301 1215 NRS18-122BZA23 198 NRS18-122BZA23 198 NRS18-122BZE20 198 NRS18-122BZE20 198 NRS18-122BZE21 198 NRS18-122BZE21 198 NRS18-122SA22 198 NRS18-122SA23 198 NRS18-122SA23 198 NRS18-122SE21 198 NRS18-122SE21 198 NRS18-123BZ 204 NRS18-123BZ 204 NRS18-123BZ 204 NRS18-133BNA82 198 NRS18-138BNA82 198 NRS18-133BNA83 199 NRS18-133BNA83 199 NRS18-133SA2E30 199 NRS18-133SE20 199 NRS18-133SE20 199 NRS18-133SE20 199 NRS18-133SE20 199 NRS18-133SE20 199 NRS18-133BNA82 199 NRS18-133BNA82 199 NRS18-133BNA82 199 NRS18-138BNA82 204 NRS18-178S 204 NRS18-177S 204 NRS18-177S 204 NRS18-177S 204	NRS34-551 185 NRS34-5515 221 NRS34-562(finish)PW 219 NRS34-562PW 191 191, 219 NRS34-562PW 191, 219 NRS34-563PW 191, 219 NRS36-1018N 208 NRS36-102S 208 NRS36-102S 208 NRS36-105BZ 208 NRS36-105BZ 208 NRS36-105BZ 208 NRS36-105BZ 208 NRS36-251 210 NRS36-252 210 NRS36-252 210 NRS36-302S 209 NRS36-310S 209 NRS36-310S 190, 214 NRS45-301 190, 214 NRS45-301 190, 214 NRS45-401 190, 214 NRS45-401 190, 214 NRS45-401 190, 214 NRS45-401 212 NRS51-104 212 NRS51-105 212 NRS51-105 212 NRS51-105 212 NRS51-106 212 NRS51-108 212 NRS51-108 212 NRS51-108 212 NRS51-108 212 NRS51-106 213 NRS52-156 213 NRS52-156 213
NRA-6040	NRS12-112BZA22 199 NRS12-112SA22 199 NRS12-112SA22 198 NRS18-122BZA22 198 NRS18-122BZA23 198 NRS18-122BZA23 198 NRS18-122BZE20 198 NRS18-122BZE20 198 NRS18-122BZE21 198 NRS18-122BZE21 198 NRS18-122BZE21 198 NRS18-122SE21 198 NRS18-122SE21 198 NRS18-122SE21 198 NRS18-122SE21 198 NRS18-122SE21 198 NRS18-123BZA35 198 NRS18-123BZA35 198 NRS18-123BZA35 198 NRS18-133BZ-30 199 N	NRS34-551 185 NRS34-5515 221 NRS34-562(finish)PW 219 NRS34-562PW 191, 219 NRS34-562PW 191, 219 NRS34-563PW 191, 219 NRS36-1018N 208 NRS36-102S 208 NRS36-103BN 208 NRS36-105Z 208 NRS36-106S 208 NRS36-106S 208 NRS36-106S 208 NRS36-252 210 NRS36-252 210 NRS36-302S 209 NRS36-301 190, 214 NRS45-201 190, 214 NRS45-201 190, 214 NRS45-401 212 NRS51-105 212 NRS51-106 212 NRS51-108 212 NRS51-108 212 NRS52-156 213 NRS52-156 213 NRS52-156 213 NRS52-157 213 NRS54-220/20 212
NRA-6040 227 NRA-6047 324 NRA-6047 324 NRA-6061 153 NRA-6301 156 NRA-82 275 NRA-86 152 NRE-820L42F9 197 NRM-411 47 NRM-412 47 NRM-413 47 NRM-511 49 NRM-511 49 NRM-512 49 NRM-516 51 NRM-61 51 NRM-61 51 NRM-61 51 NRM-61 51 NRM-61 51 NRM-61 67 NRM-62 67 NRMC-62 67 NRMC-63 53 NRM-68 185 NRS10-466 2200 NRS11-101S 2020 NRS11-101S 2020	NRS12-112BZA22 199 NRS12-112SA22 199 NRS12-112SA22 198 NRS18-301 1215 NRS18-122BZA23 198 NRS18-122BZA23 198 NRS18-122BZE20 198 NRS18-122BZE20 198 NRS18-122BZE21 198 NRS18-122BZE21 198 NRS18-122SA22 198 NRS18-122SA23 198 NRS18-122SA23 198 NRS18-122SE21 198 NRS18-122SE21 198 NRS18-123BZ 204 NRS18-123BZ 204 NRS18-123BZ 204 NRS18-133BNA82 198 NRS18-138BNA82 198 NRS18-133BNA83 199 NRS18-133BNA83 199 NRS18-133SA2E30 199 NRS18-133SE20 199 NRS18-133SE20 199 NRS18-133SE20 199 NRS18-133SE20 199 NRS18-133SE20 199 NRS18-133BNA82 199 NRS18-133BNA82 199 NRS18-133BNA82 199 NRS18-138BNA82 204 NRS18-178S 204 NRS18-177S 204 NRS18-177S 204 NRS18-177S 204	NRS34-551 185 NRS34-5515 221 NRS34-562(finish)PW 219 NRS34-562(Finish)PW 191 NRS34-562PW 191 NRS34-563PW 191, 219 NRS36-101BN 208 NRS36-102S 208 NRS36-102S 208 NRS36-105BZ 209 NRS36-310S 209 NRS36-310S 209 NRS36-310S 209 NRS45-201 214 NRS45-301 190, 214 NRS45-301 190, 214 NRS45-401 190, 214 NRS48-468 185 NRS48-468BZ 220 NRS51-103 212 NRS51-104 212 NRS51-105 212 NRS51-106 212 NRS51-106 212 NRS51-106 213 NRS52-155 213 NRS52-156 213 NRS52-156 213 NRS52-156 213 NRS52-157 213 NRS52-157 213 NRS52-157 213 NRS52-120/NRS51-20/NRS51-107 212
NRA-6040	NRS12-112BZA22 199 NRS12-112SA22 199 NRS12-112SA22 198 NRS18-122BZA22 198 NRS18-122BZA23 198 NRS18-122BZE20 198 NRS18-122BZE20 198 NRS18-122BZE20 198 NRS18-122BZE21 198 NRS18-122BZE21 198 NRS18-122BZE21 198 NRS18-122BZ22 198 NRS18-122SE21 198 NRS18-122SE21 198 NRS18-122SE21 198 NRS18-123BZ 204 NRS18-123BZ 204 NRS18-123BZ 204 NRS18-123BZ 198 NRS18-133BA25 198 NRS18-133BA25 198 NRS18-133BA25 198 NRS18-133BA25 199 NRS18-133BX25 199 NRS18-138BX382 199 NRS18-13BX2BZ 199 NRS18-13BX3BZ 204 NRS18-17BS 204 NRS18-17FS 204 NRS18-17FS 204 NRS18-17FS 204 NRS18-17BS 204 NRS18-17BS 204 NRS18-17BS 204 NRS18-17BS 204 NRS18-17BS 204 NRS18-199-201PW 203 NRS19-201PW 203	NRS34-551 185 NRS34-5515 221 NRS34-562(finish)PW 219 NRS34-562(Finish)PW 191 NRS34-562PW 191 NRS34-563PW 191, 219 NRS36-101BN 208 NRS36-102S 208 NRS36-102S 208 NRS36-105BZ 209 NRS36-310S 209 NRS36-310S 209 NRS36-310S 209 NRS45-201 214 NRS45-301 190, 214 NRS45-301 190, 214 NRS45-401 190, 214 NRS48-468 185 NRS48-468BZ 220 NRS51-103 212 NRS51-104 212 NRS51-105 212 NRS51-106 212 NRS51-106 212 NRS51-106 213 NRS52-155 213 NRS52-156 213 NRS52-156 213 NRS52-156 213 NRS52-157 213 NRS52-157 213 NRS52-157 213 NRS52-120/NRS51-20/NRS51-107 212
NRA-6040	NRS12-112BZA22 199 NRS12-112SA22 199 NRS12-112SA22 198 NRS18-1218ZA23 198 NRS18-122BZA23 198 NRS18-122BZE20 198 NRS18-122BZE21 198 NRS18-122BZE21 198 NRS18-122BZE21 198 NRS18-122BZE21 198 NRS18-122SA23 198 NRS18-122SA23 198 NRS18-122SA23 198 NRS18-122SA23 198 NRS18-122SE21 198 NRS18-122SE21 198 NRS18-122SE21 198 NRS18-123BZ 204 NRS18-123BZ 204 NRS18-133BZ 204 NRS18-133BX 199 NRS18-133BX 199 NRS18-133BX 204 NRS18-133BX 204 NRS18-133BX 209 NRS18-133BX 209 NRS18-133BX 209 NRS18-133BX 209 NRS18-133BX 200 NRS18-133BX 200 NRS18-133BX 200 NRS18-133BX 200 NRS18-133BX 200 NRS18-138BX 200 NRS18-138BX 200 NRS18-138BX 200 NRS18-138SA2 199 NRS18-138SA2 199 NRS18-138SA2 204 NRS18-138SA2 204 NRS18-138SA2 204 NRS18-138SA2 204 NRS18-17S 203 NRS19-201PW 203 NRS19-201PW 203	NRS34-551 185 NRS34-5515 221 NRS34-562(finish)PW 219 NRS34-562PW 191 NRS34-562PW 191, 219 NRS34-563PW 191, 219 NRS36-101BN 208 NRS36-102S 208 NRS36-102S 208 NRS36-105BZ 209 NRS36-251 210 NRS36-251 210 NRS36-302S 209 NRS36-310S 209 NRS36-310S 209 NRS36-310S 209 NRS36-310S 209 NRS45-201 214 NRS45-301 190, 214 NRS45-301 190, 214 NRS48-468BZ 220 NRS51-104 212 NRS51-104 212 NRS51-105 212 NRS51-105 212 NRS51-105 212 NRS51-106 213 NRS52-155 213 NRS52-156 213 NRS52-157 213 NRS52-157 213 NRS52-157 213 NRS54-220/20 212 NRS54-220/39 212 NRS54-220/70 212
NRA-6040	NRS12-112BZA22 199 NRS12-112SA22 199 NRS12-112SA22 198 NRS18-122BZA22 198 NRS18-122BZA23 198 NRS18-122BZE20 198 NRS18-122BZE20 198 NRS18-122BZE20 198 NRS18-122BZE21 198 NRS18-122BZE21 198 NRS18-122BZE21 198 NRS18-122BZ22 198 NRS18-122SE21 198 NRS18-122SE21 198 NRS18-122SE21 198 NRS18-123BZ 204 NRS18-123BZ 204 NRS18-123BZ 204 NRS18-123BZ 198 NRS18-133BA25 198 NRS18-133BA25 198 NRS18-133BA25 198 NRS18-133BA25 199 NRS18-133BX25 199 NRS18-138BX382 199 NRS18-13BX2BZ 199 NRS18-13BX3BZ 204 NRS18-17BS 204 NRS18-17FS 204 NRS18-17FS 204 NRS18-17FS 204 NRS18-17BS 204 NRS18-17BS 204 NRS18-17BS 204 NRS18-17BS 204 NRS18-17BS 204 NRS18-199-201PW 203 NRS19-201PW 203	NRS34-551 185 NRS34-5515 221 NRS34-562(finish)PW 219 NRS34-562(Finish)PW 191 NRS34-562PW 191 NRS34-563PW 191, 219 NRS36-101BN 208 NRS36-102S 208 NRS36-102S 208 NRS36-105BZ 209 NRS36-310S 209 NRS36-310S 209 NRS36-310S 209 NRS45-201 214 NRS45-301 190, 214 NRS45-301 190, 214 NRS45-401 190, 214 NRS48-468 185 NRS48-468BZ 220 NRS51-103 212 NRS51-104 212 NRS51-105 212 NRS51-106 212 NRS51-106 212 NRS51-106 213 NRS52-155 213 NRS52-156 213 NRS52-156 213 NRS52-156 213 NRS52-157 213 NRS52-157 213 NRS52-157 213 NRS52-120/NRS51-20/NRS51-107 212
NRA-6040	NRS12-112BZA22 199 NRS12-112SA22 199 NRS12-112SA22 198 NRS18-122BZA22 198 NRS18-122BZA23 198 NRS18-122BZZE20 198 NRS18-122BZZE20 198 NRS18-122BZZE20 198 NRS18-122BZZE21 198 NRS18-122BZZE21 198 NRS18-122SE20 198 NRS18-122SE20 198 NRS18-122SE20 198 NRS18-122SE21 198 NRS18-122SE20 198 NRS18-122SE20 198 NRS18-123BZA35 198 NRS18-123BZA35 198 NRS18-123BZA35 198 NRS18-133BZA35 199 NRS18-133BZA35 199 NRS18-133BZA35 199 NRS18-133BZA35 199 NRS18-138BZA82 199 NRS18-138BZA82 199 NRS18-133BZA35 199 NRS18-138BZA35 199 NRS18-13BZA35 199 NRS18-13BZA35 204 NRS18-17BS 204 NRS18-17FS 204 NRS18-17FS 204 NRS19-201PW 203 NRS19-202PW 203 NRS19-202PW 203 NRS19-2020 203	NRS34-551 185 NRS34-5515 221 NRS34-562[mish]PW 219 NRS34-562PW 191, 219 NRS34-562PW 191, 219 NRS34-563PW 191, 219 NRS36-1018N 208 NRS36-102S 208 NRS36-103BN 208 NRS36-106S 208 NRS36-105S 208 NRS36-105S 209 NRS36-251 210 NRS36-252 210 NRS36-301S 209 NRS36-301S 209 NRS36-310S 109, 214 NRS45-301 190, 214 NRS45-301 190, 214 NRS48-468 185 NRS48-468B 220 NRS51-103 212 NRS51-105 212 NRS51-105 212 NRS51-105 212 NRS51-105 212 NRS51-106 213 NRS52-156 213 NRS52-156 213 NRS52-156 213 NRS52-157 213 NRS54-220/70 212 NRS51-20/NRS54-220/99 212 NRS51-20/NRS51-20/NRS54-220/99 212 NRS51-20/NRS54-220/99 212 NRS51-105 212 NRS51-20/NRS54-220/99 212 NRS54-220/70 212 NRS55-301 212
NRA-6040	NRS12-112BZA22 199 NRS12-112SA22 199 NRS12-112SA22 198 NRS18-122BZA22 198 NRS18-122BZA23 198 NRS18-122BZE20 198 NRS18-122BZE20 198 NRS18-122BZE20 198 NRS18-122BZE21 198 NRS18-122BZE21 198 NRS18-122SE21 198 NRS18-122SE21 198 NRS18-122SE21 198 NRS18-122SE21 198 NRS18-122SE21 198 NRS18-123BZA35 198 NRS18-123BZA35 198 NRS18-123BZ 204 NRS18-123BZ 204 NRS18-138BZA82 198 NRS18-138BXA82 199 NRS18-138BXA82 199 NRS18-133BXE30 199 NRS18-133BXE30 199 NRS18-133BXE30 199 NRS18-133BXE30 199 NRS18-133BXE30 199 NRS18-133BXE30 199 NRS18-133BZ-204 NRS18-133BZ-204 NRS18-133BZ-204 NRS18-138BZ-204 NRS18-138BZ-204 NRS18-138BZ-204 NRS18-138BZ-204 NRS18-138BZ-204 NRS18-138BZ-204 NRS18-138BZ-204 NRS18-138BZ-30 199	NRS34-551 185 NRS34-5515 221 NRS34-562(finish)PW 219 NRS34-562(finish)PW 191 NRS34-562PW 191 191 NRS34-563PW 191, 219 NRS36-101BN 208 NRS36-1025 208 NRS36-1045 208 NRS36-105BZ 208 NRS36-105BZ 208 NRS36-105BZ 208 NRS36-105BZ 208 NRS36-105BZ 208 NRS36-105BZ 209 NRS36-3105 209 NRS36-3105 209 NRS36-3105 209 NRS45-201 214 NRS45-301 190, 214 NRS45-301 190, 214 NRS45-401 190, 214 NRS48-468BZ 220 NRS51-103 212 NRS51-104 212 NRS51-105 212 NRS51-106 212 NRS51-108 212 NRS51-108 212 NRS51-108 212 NRS51-106 213 NRS52-156 213 NRS52-156 213 NRS52-156 213 NRS52-156 213 NRS52-156 213 NRS54-220/20 212 NRS54-220/70 212 NRS54-220/70 212 NRS55-301 212
NRA-6040	NRS12-112BZA22 199 NRS12-112SA22 199 NRS12-112SA22 198 NRS18-122BZA22 198 NRS18-122BZA23 198 NRS18-122BZZE20 198 NRS18-122BZZE20 198 NRS18-122BZZE20 198 NRS18-122BZZE21 198 NRS18-122BZZE21 198 NRS18-122SE20 198 NRS18-122SE20 198 NRS18-122SE20 198 NRS18-122SE21 198 NRS18-122SE20 198 NRS18-122SE20 198 NRS18-123BZA35 198 NRS18-123BZA35 198 NRS18-123BZA35 198 NRS18-133BZA35 199 NRS18-133BZA35 199 NRS18-133BZA35 199 NRS18-133BZA35 199 NRS18-138BZA82 199 NRS18-138BZA82 199 NRS18-133BZA35 199 NRS18-138BZA35 199 NRS18-13BZA35 199 NRS18-13BZA35 204 NRS18-17BS 204 NRS18-17FS 204 NRS18-17FS 204 NRS19-201PW 203 NRS19-202PW 203 NRS19-202PW 203 NRS19-2020 203	NRS34-551 185 NRS34-5515 221 NRS34-562[mish]PW 219 NRS34-562PW 191, 219 NRS34-562PW 191, 219 NRS34-563PW 191, 219 NRS36-1018N 208 NRS36-102S 208 NRS36-103BN 208 NRS36-106S 208 NRS36-105S 208 NRS36-105S 209 NRS36-251 210 NRS36-252 210 NRS36-301S 209 NRS36-301S 209 NRS36-310S 109, 214 NRS45-301 190, 214 NRS45-301 190, 214 NRS48-468 185 NRS48-468B 220 NRS51-103 212 NRS51-105 212 NRS51-105 212 NRS51-105 212 NRS51-105 212 NRS51-106 213 NRS52-156 213 NRS52-156 213 NRS52-156 213 NRS52-157 213 NRS54-220/70 212 NRS51-20/NRS54-220/99 212 NRS51-20/NRS51-20/NRS54-220/99 212 NRS51-20/NRS54-220/99 212 NRS51-105 212 NRS51-20/NRS54-220/99 212 NRS54-220/70 212 NRS55-301 212
NRA-6040	NRS12-112BZA22 199 NRS12-112SA22 199 NRS12-112SA22 198 NRS18-122BZA23 198 NRS18-122BZA23 198 NRS18-122BZE20 198 NRS18-122BZE20 198 NRS18-122BZE20 198 NRS18-122BZE21 198 NRS18-122BZE21 198 NRS18-122SA22 198 NRS18-122SA22 198 NRS18-122SA23 198 NRS18-122SA23 198 NRS18-12SA23 198 NRS18-12SA23 198 NRS18-12SBZ 204 NRS18-123BZ 204 NRS18-123BZ 204 NRS18-123BZ 204 NRS18-123BZ 204 NRS18-133BA23 198 NRS18-123BZ 198 NRS18-133BA23 199 NRS18-133BX2 199 NRS18-138BX2 199 NRS18-13BX2B2 199 N	NRS34-551 185 NRS34-5515 221 NRS34-562(finish)PW 219 NRS34-562PW 191 NRS34-562PW 191, 219 NRS34-563PW 191, 219 NRS36-101BN 208 NRS36-102S 208 NRS36-102S 208 NRS36-105BZ 208 NRS36-105BZ 208 NRS36-105BZ 208 NRS36-105BZ 208 NRS36-105BZ 209 NRS36-251 210 NRS36-252 210 NRS36-251 210 NRS36-310S 209 NRS36-310S 209 NRS45-201 214 NRS45-301 190, 214 NRS45-401 190, 214 NRS45-401 190, 214 NRS45-401 212 NRS51-103 212 NRS51-104 212 NRS51-105 212 NRS51-105 212 NRS51-105 213 NRS52-155 213 NRS52-156 213 NRS52-157 213 NRS52-157 213 NRS52-157 212 NRS51-20/20 212 NRS51-20/39 212 NRS55-301 212 NRS55-301 212 NRS56-220/39 212 NRS56-220/39 212 NRS56-220/39 212
NRA-6040	NRS12-112BZA22 199 NRS12-112SA22 199 NRS12-112SA22 198 NRS18-122BZA22 198 NRS18-122BZA23 198 NRS18-122BZZE20 198 NRS18-122BZZE20 198 NRS18-122BZZE20 198 NRS18-122BZZE21 198 NRS18-122SZE20 198 NRS18-122SZE2 198 NRS18-122SZE2 198 NRS18-123BZA35 198 NRS18-123BZA35 198 NRS18-123BZA35 198 NRS18-123BZA35 199 NRS18-133BZA82 199 NRS18-13BSIAS 199 NRS18-13BSIAS 204 NRS18-13BSZAS 199 NRS18-13BSZAS 204 NRS19-102OPW 203 NRS19-201PW 203 NRS19-201PW 203 NRS19-202PW 203 NRS19-204 203 NRS19-204 NRS19-450BN 220 NRS19-450BN 220	NRS34-551 185 NRS34-5515 221 NRS34-562(finish)PW 219 NRS34-562PW 191 219 NRS34-562PW 191 219 NRS34-563PW 191, 219 NRS36-1018N 208 NRS36-102S 208 NRS36-102S 208 NRS36-105BZ 208 NRS36-105BZ 208 NRS36-105BZ 208 NRS36-105BZ 208 NRS36-251 210 NRS36-252 210 NRS36-252 210 NRS36-251 210 NRS36-310S 209 NRS36-310S 190 NRS45-201 214 NRS45-301 190, 214 NRS45-301 190, 214 NRS45-301 190, 214 NRS45-301 212 NRS51-105 212 NRS51-105 212 NRS51-105 212 NRS51-105 212 NRS51-105 212 NRS51-106 212 NRS51-107 212 NRS51-108 212 NRS51-108 212 NRS51-109 212 NRS51-200/39 212 NRS56-220/70 212 NRS56-220/70 212 NRS56-220/70 212 NRS56-220/70 212 NRS58-152/20 213
NRA-6040	NRS12-112BZA22 199 NRS12-112SA22 199 NRS12-112SA22 198 NRS18-122BZA23 198 NRS18-122BZA23 198 NRS18-122BZE20 198 NRS18-122BZE20 198 NRS18-122BZE20 198 NRS18-122BZE21 198 NRS18-122BZE21 198 NRS18-122SA22 198 NRS18-122SA22 198 NRS18-122SA23 198 NRS18-122SA23 198 NRS18-12SA23 198 NRS18-12SA23 198 NRS18-12SBZ 204 NRS18-123BZ 204 NRS18-123BZ 204 NRS18-123BZ 204 NRS18-123BZ 204 NRS18-133BA23 198 NRS18-123BZ 198 NRS18-133BA23 199 NRS18-133BX2 199 NRS18-138BX2 199 NRS18-13BX2B2 199 N	NRS34-551 185 NRS34-5515 221 NRS34-562(finish)PW 219 NRS34-562PW 191 NRS34-562PW 191, 219 NRS34-563PW 191, 219 NRS36-101BN 208 NRS36-102S 208 NRS36-102S 208 NRS36-105BZ 208 NRS36-105BZ 208 NRS36-105BZ 208 NRS36-105BZ 208 NRS36-105BZ 209 NRS36-251 210 NRS36-252 210 NRS36-251 210 NRS36-310S 209 NRS36-310S 209 NRS45-201 214 NRS45-301 190, 214 NRS45-401 190, 214 NRS45-401 190, 214 NRS45-401 212 NRS51-103 212 NRS51-104 212 NRS51-105 212 NRS51-105 212 NRS51-105 213 NRS52-155 213 NRS52-156 213 NRS52-157 213 NRS52-157 213 NRS52-157 212 NRS51-20/20 212 NRS51-20/39 212 NRS55-301 212 NRS55-301 212 NRS56-220/39 212 NRS56-220/39 212 NRS56-220/39 212
NRA-6040	NRS12-112BZA22 199 NRS12-112SA22 199 NRS12-112SA22 198 NRS18-122BZA22 198 NRS18-122BZA23 198 NRS18-122BZE20 198 NRS18-122BZE20 198 NRS18-122BZE20 198 NRS18-122BZE21 198 NRS18-122BZE21 198 NRS18-122BZE21 198 NRS18-122SE21 198 NRS18-122SE21 198 NRS18-122SE21 198 NRS18-122SE21 198 NRS18-123BZA35 198 NRS18-123BZA35 198 NRS18-123BZA35 198 NRS18-123BZA35 198 NRS18-133BZ 204 NRS18-138BZA82 198 NRS18-138BXA82 199 NRS18-133BXE30 199 NRS18-133BXE30 199 NRS18-133BXE30 199 NRS18-133BXE30 199 NRS18-133BZE30 199 NRS18-13BZE30 199	NRS34-551 185 NRS34-5515 221 NRS34-562(finish)PW 219 NRS34-562(Finish)PW 191 NRS34-562PW 191 NRS34-562PW 191, 219 NRS36-101BN 208 NRS36-102S 208 NRS36-104S 208 NRS36-105BZ 208 NRS36-105BZ 208 NRS36-105BZ 208 NRS36-105BZ 208 NRS36-105BZ 208 NRS36-105BZ 209 NRS36-251 210 NRS36-251 210 NRS36-251 210 NRS36-251 210 NRS36-251 210 NRS36-310S 209 NRS45-201 214 NRS45-301 190, 214 NRS45-301 190, 214 NRS45-301 190, 214 NRS48-468 185 NRS48-468BZ 220 NRS51-103 212 NRS51-104 212 NRS51-105 212 NRS51-105 212 NRS51-106 212 NRS51-107 213 NRS52-156 213 NRS52-157 213 NRS52-156 213 NRS52-157 213 NRS52-156 213 NRS54-220/70 212 NRS54-220/70 212 NRS54-220/70 212 NRS56-220/70 212 NRS56-152/20 213
NRA-6040	NRS12-112BZA22 199 NRS12-112SA22 199 NRS12-112SA22 198 NRS18-122BZA22 198 NRS18-122BZA23 198 NRS18-122BZZE20 198 NRS18-122BZZE20 198 NRS18-122BZZE20 198 NRS18-122BZZE21 198 NRS18-122SZE20 198 NRS18-122SZE2 198 NRS18-122SZE2 198 NRS18-123BZA35 198 NRS18-123BZA35 198 NRS18-123BZA35 198 NRS18-123BZA35 199 NRS18-133BZA82 199 NRS18-13BSIAS 199 NRS18-13BSIAS 204 NRS18-13BSZAS 199 NRS18-13BSZAS 204 NRS19-102OPW 203 NRS19-201PW 203 NRS19-201PW 203 NRS19-202PW 203 NRS19-204 203 NRS19-204 NRS19-450BN 220 NRS19-450BN 220	NRS34-551 185 NRS34-5515 221 NRS34-562(finish)PW 219 NRS34-562PW 191 219 NRS34-562PW 191 219 NRS34-563PW 191, 219 NRS36-1018N 208 NRS36-102S 208 NRS36-102S 208 NRS36-105BZ 208 NRS36-105BZ 208 NRS36-105BZ 208 NRS36-105BZ 208 NRS36-251 210 NRS36-252 210 NRS36-252 210 NRS36-251 210 NRS36-310S 209 NRS36-310S 190 NRS45-201 214 NRS45-301 190, 214 NRS45-301 190, 214 NRS45-301 190, 214 NRS45-301 212 NRS51-105 212 NRS51-105 212 NRS51-105 212 NRS51-105 212 NRS51-105 212 NRS51-106 212 NRS51-107 212 NRS51-108 212 NRS51-108 212 NRS51-109 212 NRS51-200/39 212 NRS56-220/70 212 NRS56-220/70 212 NRS56-220/70 212 NRS56-220/70 212 NRS58-152/20 213
NRA-6040	NRS12-112BZA22 199 NRS12-112SA22 199 NRS12-112SA22 198 NRS18-122BZA22 198 NRS18-122BZA23 198 NRS18-122BZE20 198 NRS18-122BZE20 198 NRS18-122BZE20 198 NRS18-122BZE21 198 NRS18-122BZE21 198 NRS18-122BZE21 198 NRS18-122SE21 198 NRS18-122SE21 198 NRS18-122SE21 198 NRS18-122SE21 198 NRS18-123BZA35 198 NRS18-123BZA35 198 NRS18-123BZA35 198 NRS18-123BZA35 198 NRS18-133BZ 204 NRS18-138BZA82 198 NRS18-138BXA82 199 NRS18-133BXE30 199 NRS18-133BXE30 199 NRS18-133BXE30 199 NRS18-133BXE30 199 NRS18-133BZE30 199 NRS18-13BZE30 199	NRS34-551 185 NRS34-5515 221 NRS34-562(finish)PW 219 NRS34-562(Finish)PW 191 NRS34-562PW 191 NRS34-562PW 191, 219 NRS36-101BN 208 NRS36-102S 208 NRS36-104S 208 NRS36-105BZ 208 NRS36-105BZ 208 NRS36-105BZ 208 NRS36-105BZ 208 NRS36-105BZ 208 NRS36-105BZ 209 NRS36-251 210 NRS36-251 210 NRS36-251 210 NRS36-251 210 NRS36-251 210 NRS36-310S 209 NRS45-201 214 NRS45-301 190, 214 NRS45-301 190, 214 NRS45-301 190, 214 NRS48-468 185 NRS48-468BZ 220 NRS51-103 212 NRS51-104 212 NRS51-105 212 NRS51-105 212 NRS51-106 212 NRS51-107 213 NRS52-156 213 NRS52-157 213 NRS52-156 213 NRS52-157 213 NRS52-156 213 NRS54-220/70 212 NRS54-220/70 212 NRS54-220/70 212 NRS56-220/70 212 NRS56-152/20 213

NRS58-153/70213	NRS90-N01 227	NDC00 4640E 101 010
		NRS99-464SF 191, 218
NRS58-154 213	NRS90-N02 225	NRS99-P45 187
NRS59-158 212	NRS90-N03 225	NRS99-P45/12187
NRS61-104S 211	NRS90-N04 225	NRS99-P46 187
NRS61-105 211	NRS90-N14 224	NRS99-P46/12187
NRS61-108 211	NRS90-N17 224	NRS99-P47/12187, 207
NRS61-110 211	NRS90-N18 224	NRS99-P51 187
NRS61-253 211	NRS90-N20 227	NRS99-P55 187
NRS66-101BN 200, 208	NRS90-N21 224	NRSE90-P32BN 200, 226
NRS66-102S 200, 208	NRS90-N22 224	NRSE90-P32S 200
NRS66-103BN 200, 208	NRS90-N26 224	NS-12N 140
NRS66-104S 208	NRS90-N27 224	NS-18C0 141
NRS66-105BN 208	NRS90-N31 227	NS-19 141
NRS66-106S 208	NRS90-N32 227	NS-22
NRS66-107S 200, 208	NRS90-N33 227	NS-22B
NRS66-108S 209	NRS90-N34 227	NS-23 97
NRS66-109BN 209	NRS90-N35 227	NS-23W141
NRS66-201PW	NRS90-N66 227	NS-24 97
NRS66-202PW	NRS90-N70 224	NS-24G 141
NRS66-203PW210	NRS90-N71*	NS-25W141
NRS66-204 210	NRS90-N72 224	NS-26W141
NRS66-251 210	NRS90-N73 224	NS-27W141
NRS66-252 210	NRS90-N74 224	NS-38 97
NRS66-253S 209	NRS90-N77 224	NS-38W141
NRS66-302S 209	NRS90-N89 224	NS-40 97, 141
NRS66-310S 209	NRS90-N91 224	NS-401QAT 140
NRS66-457 207, 269	NRS90-N91-M1 224	NS-406/EL 96
NRS66-457S 221	NRS90-P01 225	NS-406Q 96
NRS66-458 207, 269	NRS90-P02 225	NS-40A
NRS66-458S 221	NRS90-P03 225	NS-40P
NRS66-462(finish)PW 219	NRS90-P04 222	NS-41 97, 141
NRS66-462PW191	NRS90-P06 222	NS-41A 141
NRS66-463(finish)PW 219	NRS90-P08 222	NS-41P 141
NRS66-463PW191	NRS90-P10 223	NS-42 97, 108, 141
NRS66-562(finish)PW 219	NRS90-P11 223	NS-42A
NRS66-562PW191	NRS90-P12 187, 226	NS-43 97, 108, 141
NRS66-563PW 191, 219	NRS90-P13 223	NS-43A 141
NRS66-901S 208	NRS90-P14 223	NS-44 97, 108, 141
NRS66-902S 209	NRS90-P15 223	NS-44A
	NRS90-P17	
NRS72-453/35 185, 270		NS-45BZ 141
NRS80-401 179	NRS90-P30 225	NS-46 97, 108, 141
NRS80-405 191	NRS90-P31 225	NS-46A 141
NRS80-411 179	NRS90-P32 185, 226	NS-47N 141
NRS80-421 173	NRS90-P32S 209	NS-48
NRS80-422 173	NRS90-P33 226	NS-4855 140
NRS80-423 173	NRS90-P34 226	NS-4857 140
NRS80-424 174	NRS90-P35 226	NS-49 141
NRS80-425 174	NRS90-P37/1223	NS-4910WN140
NRS80-426 174	NRS90-P37/10	NS-4912W140
NRS80-427 175	NRS90-P37/12223	NS-4914 97
NRS80-428 175	NRS90-P37/14223	NS-4914GW140
NRS80-429 175	NRS90-P37/2.5 223	NS-4926C0 140
NRS80-430 176	NRS90-P37/5223	NS-4927W140
NRS80-431 176	NRS90-P37/7.5 223	NS-4940C0 140
NRS80-432 176	NRS90-P40 223	NS-50 97, 141
NRS80-451 180	NRS90-P47/12226	
		NS-52 95, 97, 108, 141
NRS80-452 180	NRS90-P47/12BN 226	NS-53 95, 97, 108, 141
NRS80-453 181	NRS90-P56 187	NS-57CW141
NRS80-457 182	NRS90-P80 223	NS-58 97, 141
NRS80-462 181	NRS90-P81 224	NS-76W141
NRS80-465 183	NRS90-P82 224	NSC-6500 151
NRS80-466 181	NRS90-P85 224	NSC-6600 151
NRS80-467 179	NRS90-P86 225	NSD-850EL 149
NRS80-468 183	NRS90-P87 223	NSD-870EL 149
NRS80-469 183	NRS90-P88 223	NSEIC-407AT/20 137
NRS80-471 178	NRS90-P89 223	NSERIC-407AT/20 137
		NSH-8Q
NRS80-472 182	NRS90-P90	
NRS80-473 180	NRS90-P91 223	NSHIC-8149
NRS80-474 182	NRS90-P99 223	NSHP-8/EL149
NRS80-476 183	NRS90-R24-I 222	NSHP-82642EL 149
NRS80-477 178	NN09U-N24-1	
NRS80-490 177		
	NRS90-R24-0 222	NSHP-8Q 149
NRS80-491 177	NRS90-R24-0	NSHP-8Q
	NRS90-R24-0 222 NRS90-R39-I 222 NRS90-R39-0 222	NSHP-8Q
NRS80-492 177	NRS90-R24-0	NSHP-8Q 149 NSHPIC-8 149 NSHPIC-8EL 149 NSI-125/JB 157
	NRS90-R24-0 222 NRS90-R39-I 222 NRS90-R39-0 222	NSHP-8Q
NRS80-492 177 NRS80-493 178	NRS90-R24-0 222 NRS90-R39-I 222 NRS90-R39-0 222 NRS92-P42/35 187, 270 NRS98-P58 187	NSHP-8Q 149 NSHPIC-8 149 NSHPIC-8EL 149 NSI-125/JB 157 NSI-1251/JB 157
NRS80-492	NRS90-R24-0 222 NRS90-R39-1 222 NRS90-R39-0 222 NRS92-P42/35 187, 270 NRS98-P58 187 NRS99-456BN 220	NSHP-8Q 149 NSHPIC-8 149 NSHPIC-8EL 149 NSH25JB 157 NSI-125JB 157 NSI-1252JB 157 NSI-1252JB 157
NRS80-492	NRS90-R24-0 222 NRS90-R39-1 222 NRS90-R39-0 222 NRS92-P42/35 187, 270 NRS98-P58 187 NRS99-456BN 220 NRS99-464C 218	NSHP-8Q 149 NSHPIC-8 149 NSHPIC-8EL 149 NSI-125/JB 157 NSI-1251/JB 157 NSI-1252/JB 157 NSI-140 157
NRS80-492 177 NRS80-493 178 NRS80-893 178 NRS90-C12-1 222 NRS90-K633 216	NRS90-R24-0 222 NRS90-R39-1 222 NRS90-R39-0 222 NRS92-P42/35 187, 270 NRS98-P58 187 NRS99-456BN 220 NRS99-464C 218 NRS99-464CL 191	NSHP-80 149 NSHPIC-8. 149 NSHPIC-8E. 149 NSH-125/JB 157 NSI-1251/JB 157 NSI-1252/JB 157 NSI-1252/JB 157 NSI-1401 157 NSI-1401 157
NRS80-492	NRS90-R24-0 222 NRS90-R39-1 222 NRS90-R39-0 222 NRS92-P42/35 187, 270 NRS98-P58 187 NRS99-456BN 220 NRS99-464C 218	NSHP-8Q 149 NSHPIC-8 149 NSHPIC-8EL 149 NSI-125/JB 157 NSI-1251/JB 157 NSI-1252/JB 157 NSI-140 157



NSI-161 157		
	NT-301 273	NT-364 276
NSI-162 157	NT-302 273	NT-364C 276
NSI-601 156	NT-303 273	NT-365 278
NSI-602 156	NT-304 273, 277	NT-366 275
NSIC-401QAT140	NT-305 275	NT-368 276
NSL-401AT/10 137	NT-306 275	NT-370 186, 226, 269
NSLIC-401AT/10 137		
	NT-307 274	NT-374 150, 153, 276
NSP-1091/JB	NT-308 276	NT-376 150, 153, 276
NSP-1092/JB	NT-309 274	NT-40 146
NSR-404QAT 140	NT-30BZ 146	NT-40D 146
NSR-404QAT/10 137	NT-30DC0 146	NT-41 146
NSR-408/EL 96	NT-31 146	NT-42 146
NSR-408Q 96	NT-310 274	NT-43 146
NSRIC-404QAT 61, 69, 140	NT-311 274	NT-43D 146
NST-21 149	NT-312 274	NT-45 101, 104
NST-22 149	NT-313 274	NT-46 101, 104
NST-23 149	NT-314 274	NT-50 146
NSW-661		NT-5000 109
	NT-315 274	
NSW-661PC	NT-316 274	NT-5000W 142
NSW-662	NT-318 276	NT-5001 99, 109
NSW-662PC	NT-319 275	NT-5001N 142
NSW-671/30 155	NT-320 275	NT-5002N 143
NSW-672/30 155	NT-321 274	NT-5010C0 142
NSW-673/30 155	NT-322 275	NT-5012 109
NSW-674/30 155	NT-324 275	NT-5012B 143
NSW-675/30 155	NT-326 275	NT-5014 109
NSW-800156	NT-327 276	NT-5020 109
NSW-851/32 156	NT-328 274	NT-5020B 143
NSW-852/32 156	NT-329 275	NT-5021 109
NSW-853/32 156	NT-33 146	NT-5021G 143
NT-22 106, 147	NT-330 275	NT-5022N 143
NT-22B 101	NT-331 273	NT-5023BZ 143
NT-22C 104	NT-332 275	NT-5024W 143
NT-22C0 107, 148	NT-333 275	NT-5025W 143
NT-23 106, 117, 147, 148	NT-334 275	NT-5026C 143
NT-2302 273	NT-335 275	NT-5030W 142
NT-2303 273	NT-336 275	NT-5045W 142
NT-2304 273	NT-337 275	NT-5048B 143
	NT-338 277	NT-5049C 143
NT-2307 274		
NT-2309 274	NT-339 277	NT-5050 99, 143
NT-2310 274	NT-339CP 277	NT-5060C0 143
NT-2311 274	NT-33D 146	NT-5061BZ 143
NT-2312 274	NT-340 277	NT-5070W 143
NT-2313 274	NT-341 277	NT-5071N 143
NT-2314 274	NT-342 277	NT-620 146
NT-2315 274	NT-343 277	NT-622 147
NT-2315 274	NT-343 277	NT-622 147
NT-2315 274 NT-2316 274	NT-343 277 NT-344 277	NT-622
NT-2315	NT-343	NT-622
NT-2315	NT-343	NT-622
NT-2315	NT-343	NT-622
NT-2315 274 NT-2316 274 NT-2318 276 NT-2328 274 NT-2331 273	NT-343 277 NT-344 277 NT-345 277 NT-346 277 NT-347 275	NT-622 147 NT-624 147 NT-641W 145 NT-648 147 NT-650 147
NT-2315	NT-343	NT-622
NT-2315 274 NT-2316 274 NT-2318 276 NT-2328 274 NT-2331 273 NT-2348 274	NT-343 277 NT-344 277 NT-345 277 NT-346 277 NT-346 277 NT-347 275 NT-348 274	NT-622 147 NT-624 147 NT-641W 145 NT-648 147 NT-650 147 NT-86 147
NT-2315 274 NT-2316 274 NT-2318 276 NT-2328 274 NT-2331 273 NT-2348 274 NT-2348/_A 274	NT-343 277 NT-344 277 NT-345 277 NT-346 277 NT-346 277 NT-347 275 NT-348 274 NT-348/_A. 274	NT-622 147 NT-624 147 NT-641W 145 NT-648 147 NT-650 147 NT-86 147 NT-87 147
NT-2315 274 NT-2316 274 NT-2318 276 NT-2328 274 NT-2331 273 NT-2348 274 NT-2348/_A 274 NT-2348/IOA 272	NT-343 277 NT-344 277 NT-345 277 NT-346 277 NT-347 275 NT-348 274 NT-348/A 274 NT-348/10A 272	NT-622 147 NT-624 147 NT-641W 145 NT-648 147 NT-650 147 NT-86 147 NT-87 147 NT-88 147
NT-2315 274 NT-2316 274 NT-2318 276 NT-2328 274 NT-2331 273 NT-2348 274 NT-2348/_A 274	NT-343 277 NT-344 277 NT-345 277 NT-346 277 NT-346 277 NT-347 275 NT-348 274 NT-348/_A. 274	NT-622 147 NT-624 147 NT-641W 145 NT-641W 145 NT-650 147 NT-86 147 NT-87 147 NT-88 147 NT-89 147
NT-2315	NT-343 277 NT-344 277 NT-345 277 NT-345 277 NT-346 277 NT-347 275 NT-348 274 NT-348/_A 274 NT-348/_A 272 NT-348/10A 272 NT-348/12A 272	NT-622 147 NT-624 147 NT-641W 145 NT-641W 145 NT-650 147 NT-86 147 NT-87 147 NT-88 147 NT-89 147
NT-2315 274 NT-2316 274 NT-2316 276 NT-2328 274 NT-2331 273 NT-2348 274 NT-2348/10A 272 NT-2348/10A 272 NT-2348/14A 272 NT-2348/14A 272	NT-343 277 NT-344 277 NT-344 277 NT-345 277 NT-346 277 NT-346 277 NT-347 275 NT-348 274 NT-348/_A 274 NT-348/_IA 272 NT-348/10A 272 NT-348/12A 272 NT-348/14A 272	NT-622 147 NT-624 147 NT-648 145 NT-648 147 NT-850 147 NT-86 147 NT-86 147 NT-88 147 NT-89 147 NTA-101 104,117,145
NT-2315 274 NT-2316 274 NT-2316 276 NT-2328 274 NT-2331 273 NT-2348 274 NT-2348 274 NT-2348/10. 272 NT-2348/10. 272 NT-2348/12A 272 NT-2348/14A 272 NT-2348/1A 272	NT-343 277 NT-344 277 NT-345 277 NT-345 277 NT-346 277 NT-347 275 NT-348 274 NT-348/10A 272	NT-622 147 NT-624 147 NT-641W 145 NT-648 147 NT-850 147 NT-86 147 NT-87 147 NT-89 147 NTA-101 104,117,145 NTA-101/P2L 106
NT-2315 274 NT-2316 274 NT-2316 276 NT-2328 274 NT-2331 273 NT-2348 274 NT-2348/10A 272 NT-2348/10A 272 NT-2348/14A 272 NT-2348/14A 272	NT-343 277 NT-344 277 NT-344 277 NT-345 277 NT-346 277 NT-346 277 NT-347 275 NT-348 274 NT-348/_A 274 NT-348/_IA 272 NT-348/10A 272 NT-348/12A 272 NT-348/14A 272	NT-622 147 NT-624 147 NT-641W 145 NT-648 147 NT-850 147 NT-86 147 NT-87 147 NT-89 147 NTA-101 104,117,145 NTA-101/P2L 106
NT-2315 274 NT-2316 274 NT-2318 276 NT-2328 274 NT-2331 273 NT-2348 274 NT-2348/_A 274 NT-2348/10A 272 NT-2348/12A 272 NT-2348/14A 272 NT-2348/14A 272 NT-2348/14A 272 NT-2348/14A 272 NT-2348/14A 272 NT-2348/14A 272 NT-2348/15A 272	NT-343 277 NT-344 277 NT-345 277 NT-345 277 NT-346 277 NT-347 275 NT-348 274 NT-348/1A 274 NT-348/1A 272	NT-622 147 NT-624 147 NT-641W 145 NT-648 147 NT-650 147 NT-86 147 NT-86 147 NT-87 147 NT-89 147 NTA-101 104,117,145 NTA-1012 104,117,145
NT-2315 274 NT-2316 274 NT-2318 276 NT-2328 274 NT-2331 273 NT-2348 274 NT-2348/_A 274 NT-2348/_A 274 NT-2348/10A 272 NT-2348/14A 272 NT-2348/14A 272 NT-2348/14A 272 NT-2348/15A 272 NT-2348/15A 272 NT-2348/15A 272 NT-2348/15A 272 NT-2348/15A 272 NT-2348/15A 272	NT-343 277 NT-344 277 NT-344 277 NT-345 277 NT-346 277 NT-347 275 NT-348 274 NT-348/_A 274 NT-348/_A 272 NT-348/10A 272 NT-348/14A 272	NT-622 147 NT-624 147 NT-648 147 NT-650 147 NT-86 147 NT-87 147 NT-88 147 NT-89 147 NT-80 147 NT-101 104, 117, 145 NTA-1012 104, 117, 145 NTA-102 104, 117, 145 NTA-102 104, 117, 145
NT-2315 274 NT-2316 274 NT-2316 276 NT-2328 274 NT-2331 273 NT-2348 274 NT-2348/_A 274 NT-2348/10A 272 NT-2348/12A 272 NT-2348/14A 272 NT-2348/14A 272 NT-2348/14A 272 NT-2348/15A 272 NT-2348/25A 272 NT-2348/25A 272 NT-2348/25A 272 NT-2348/25A 272 NT-2348/35A 272	NT-343 277 NT-344 277 NT-344 277 NT-345 277 NT-346 277 NT-346 277 NT-347 275 NT-348 274 NT-348/10A 272 NT-348/10A 272 NT-348/14A 272	NT-622 147 NT-624 147 NT-624 147 NT-641W 145 NT-648 147 NT-650 147 NT-86 147 NT-87 147 NT-88 147 NT-89 147 NTA-101 104,117,145 NTA-101/2PL 106 NTA-102 104,117,145 NTA-102/2PL 106 NTA-102/2PL 106
NT-2315 274 NT-2316 274 NT-2316 276 NT-2328 274 NT-2331 273 NT-2348 274 NT-2348/_A 274 NT-2348/10A 272 NT-2348/12A 272 NT-2348/14A 272 NT-2348/14A 272 NT-2348/14A 272 NT-2348/15A 272 NT-2348/25A 272 NT-2348/25A 272 NT-2348/25A 272 NT-2348/25A 272 NT-2348/35A 272	NT-343 277 NT-344 277 NT-344 277 NT-345 277 NT-346 277 NT-346 277 NT-347 275 NT-348 274 NT-348/10A 272 NT-348/10A 272 NT-348/14A 272	NT-622 147 NT-624 147 NT-624 147 NT-641W 145 NT-648 147 NT-650 147 NT-86 147 NT-87 147 NT-88 147 NT-89 147 NTA-101 104,117,145 NTA-101/2PL 106 NTA-102 104,117,145 NTA-102/2PL 106 NTA-102/2PL 106
NT-2315 274 NT-2316 274 NT-2316 274 NT-2318 276 NT-2328 274 NT-2331 273 NT-2348 274 NT-2348 274 NT-2348/10A 272 NT-2348/12A 272 NT-2348/14A 272 NT-2348/14A 272 NT-2348/15A 272 NT-2348/45A 272 NT-2348/45A 272 NT-2348/5A 272 NT-2348/5A 272 NT-2348/75A 272 NT-2348/75A 272	NT-343 277 NT-344 277 NT-344 277 NT-345 277 NT-345 277 NT-347 275 NT-348 274 NT-348/10A 272 NT-348/10A 272 NT-348/12A 272 NT-348/12A 272 NT-348/14A 272 NT-348/14A 272 NT-348/15A 272	NT-622 147 NT-624 147 NT-641W 145 NT-648 147 NT-850 147 NT-86 147 NT-87 147 NT-89 147 NTA-101 104, 117, 145 NTA-1012 104, 117, 145 NTA-102/2PL 106 NTA-103 117, 147 NTA-103 117, 147 NTA-103 117, 147
NT-2315 274 NT-2316 274 NT-2318 276 NT-2328 274 NT-2331 273 NT-2348 274 NT-2348/A 274 NT-2348/A 274 NT-2348/10A 272 NT-2348/12A 272 NT-2348/14A 272 NT-2348/14A 272 NT-2348/14A 272 NT-2348/14A 272 NT-2348/14A 272 NT-2348/15A 272 NT-2348/5A 272 NT-2348/5A 272 NT-2348/75A 272 NT-2348/75A 272 NT-2348/75A 272 NT-2352 274	NT-343 277 NT-344 277 NT-344 277 NT-345 277 NT-346 277 NT-347 275 NT-348 274 NT-348/A 274 NT-348/IOA 272 NT-348/10A 272 NT-348/14A 272	NT-622 147 NT-624 147 NT-624 147 NT-641W 145 NT-688 147 NT-86 147 NT-86 147 NT-88 147 NT-89 147 NTA-101 104,117,145 NTA-1012 104,117,145 NTA-1022PL 106 NTA-103 117,147 NTA-103 117,147 NTA-103 117,147 NTA-103 117,147
NT-2315 274 NT-2316 274 NT-2318 276 NT-2328 274 NT-2331 273 NT-2348 274 NT-2348/A 274 NT-2348/A 274 NT-2348/10A 272 NT-2348/12A 272 NT-2348/14A 272 NT-2348/14A 272 NT-2348/14A 272 NT-2348/14A 272 NT-2348/14A 272 NT-2348/15A 272 NT-2348/5A 272 NT-2348/5A 272 NT-2348/75A 272 NT-2348/75A 272 NT-2348/75A 272 NT-2352 274	NT-343 277 NT-344 277 NT-344 277 NT-345 277 NT-346 277 NT-347 275 NT-348 274 NT-348/A 274 NT-348/IOA 272 NT-348/10A 272 NT-348/14A 272	NT-622 147 NT-624 147 NT-624 147 NT-641W 145 NT-688 147 NT-86 147 NT-86 147 NT-88 147 NT-89 147 NTA-101 104,117,145 NTA-1012 104,117,145 NTA-1022PL 106 NTA-103 117,147 NTA-103 117,147 NTA-103 117,147 NTA-103 117,147
NT-2315 274 NT-2316 274 NT-2318 276 NT-2328 274 NT-2331 273 NT-2348 274 NT-2348/_A 274 NT-2348/_IA 274 NT-2348/_IA 272 NT-2358/_IA 272 NT-2358/_IA 274	NT-343 277 NT-344 277 NT-344 277 NT-345 277 NT-346 277 NT-346 277 NT-347 275 NT-348 274 NT-348/A 274 NT-348/IAA 272 NT-348/IAAA 272 NT-348/IAAA 272 NT-348/IAAA 272 NT-348/IAAAA 272 NT-348/IAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	NT-622 147 NT-624 147 NT-624 147 NT-648 147 NT-650 147 NT-86 147 NT-87 147 NT-88 147 NT-89 147 NTA-101 104,117,145 NTA-101/2PL 106 NTA-102 104,117,145 NTA-1038 104 NTA-1038 104 NTA-1038 104 NTA-1038 104 NTA-1038/2PL 106
NT-2315 274 NT-2316 274 NT-2316 276 NT-2328 274 NT-2331 273 NT-2348 274 NT-2348 274 NT-2348/10A 272 NT-2348/10A 272 NT-2348/12A 272 NT-2348/14A 272 NT-2348/15A 272 NT-2352 274 NT-2352 274 NT-2356/10A 272	NT-343 277 NT-344 277 NT-344 277 NT-345 277 NT-345 277 NT-346 277 NT-347 275 NT-348 274 NT-348/10A 272 NT-348/10A 272 NT-348/10A 272 NT-348/14A 272 NT-348/14A 272 NT-348/15A 272 NT-348/15A 272 NT-348/15A 272 NT-348/15A 272 NT-348/15A 272 NT-348/15A 272 NT-349/25A 272 NT-350 278 NT-350 278	NT-622 147 NT-624 147 NT-624 147 NT-641W 145 NT-648 147 NT-850 147 NT-86 147 NT-87 147 NT-88 147 NT-89 147 NTA-101 104,117, 145 NTA-101/2PL 106 NTA-102 104, 117, 145 NTA-103B/2PL 106 NTA-638 117, 147 NTA-630B/PL 104, 110
NT-2315 274 NT-2316 274 NT-2318 276 NT-2318 276 NT-2328 274 NT-2331 273 NT-2348 274 NT-2348/_A 274 NT-2348/_IOA 272 NT-2352 274 NT-2356/_A 274 NT-2358/_A 274 NT-2358/_IOA 272	NT-343 277 NT-344 277 NT-344 277 NT-345 277 NT-345 277 NT-347 275 NT-348 274 NT-348/10A 272 NT-350 278 NT-350 278 NT-350 278	NT-622 147 NT-624 147 NT-624 147 NT-641W 145 NT-648 147 NT-85 147 NT-86 147 NT-87 147 NT-89 147 NTA-101 104, 117, 145 NTA-1012 104, 117, 145 NTA-102/2PL 106 NTA-103 117, 147 NTA-103B 104 NTA-103B/2PL 106 NTA-638 117, 147 NTA-638 171, 147 NTA-730B/PL 104, 110 NTA-730B/PL 104, 110 NTA-730W 145
NT-2315 274 NT-2316 274 NT-2316 276 NT-2328 274 NT-2331 273 NT-2348 274 NT-2348 274 NT-2348/10A 272 NT-2348/10A 272 NT-2348/12A 272 NT-2348/14A 272 NT-2348/15A 272 NT-2352 274 NT-2352 274 NT-2356/10A 272	NT-343 277 NT-344 277 NT-344 277 NT-345 277 NT-345 277 NT-346 277 NT-347 275 NT-348 274 NT-348/10A 272 NT-348/10A 272 NT-348/10A 272 NT-348/14A 272 NT-348/14A 272 NT-348/15A 272 NT-348/15A 272 NT-348/15A 272 NT-348/15A 272 NT-348/15A 272 NT-348/15A 272 NT-349/25A 272 NT-350 278 NT-350 278	NT-622 147 NT-624 147 NT-624 147 NT-641W 145 NT-648 147 NT-850 147 NT-86 147 NT-87 147 NT-88 147 NT-89 147 NTA-101 104,117, 145 NTA-101/2PL 106 NTA-102 104, 117, 145 NTA-103B/2PL 106 NTA-638 117, 147 NTA-630B/PL 104, 110
NT-2315 274 NT-2316 274 NT-2316 276 NT-2328 274 NT-2331 273 NT-2348 274 NT-2338 274 NT-2348/_A 274 NT-2348/_IOA 272 NT-2348/IOA 272 NT-2358/IOA 272	NT-343 277 NT-344 277 NT-344 277 NT-344 277 NT-346 277 NT-346 277 NT-347 275 NT-348 274 NT-348/_A 274 NT-348/_A 272 NT-348/10A 272 NT-348/12A 272 NT-348/1A 272 NT-348/1A 272 NT-348/2.5A 272 NT-348/5A 272 NT-355 275	NT-622 147 NT-624 147 NT-624 147 NT-648 147 NT-650 147 NT-86 147 NT-87 147 NT-88 147 NT-89 147 NTA-101 104, 117, 145 NTA-101/2PL 106 NTA-102 104, 117, 145 NTA-103 117, 147 NTA-103B 104 NTA-103B/2PL 106 NTA-63B 117, 147 NTA-730B/PL 104, 110 NTA-730B/PL 104, 110 NTA-730W 145 NTA-86 117
NT-2315 274 NT-2316 274 NT-2318 276 NT-2328 274 NT-2331 273 NT-2348 274 NT-2348 274 NT-2348/10A 272 NT-2348/10A 272 NT-2348/10A 272 NT-2348/14A 272 NT-2348/14A 272 NT-2348/15A 272 NT-2348/15A 272 NT-2348/15A 272 NT-2348/15A 272 NT-2352 274 NT-2352 274 NT-2358/10A 272 NT-2358/1A 272	NT-343 277 NT-344 277 NT-344 277 NT-345 277 NT-346 277 NT-346 277 NT-347 275 NT-348 274 NT-348/10A 272 NT-348/10A 272 NT-348/10A 272 NT-348/14A 272 NT-348/14A 272 NT-348/2.5A 272 NT-348/2.5A 272 NT-348/2.5A 272 NT-348/3.5A 272 NT-355 275 NT-355 278 NT-355 277 NT-355 277 NT-355 277 NT-355/8 275 NT-358/_A 272	NT-622 147 NT-624 147 NT-624 147 NT-641W 145 NT-648 147 NT-650 147 NT-86 147 NT-87 147 NT-88 147 NT-89 147 NTA-101 104, 117, 145 NTA-1012 104, 117, 145 NTA-102/2PL 106 NTA-103 117, 147 NTA-103B 104 NTA-103B/2PL 106 NTA-103B/2PL 106 NTA-303W/147 NTA-730W/147 NTA-730W/145 NTA-86/2PL 104, 110 NTA-730W 145 NTA-86/2PL 106
NT-2315 274 NT-2316 274 NT-2316 274 NT-2318 276 NT-2328 274 NT-2331 273 NT-2348 274 NT-2348 274 NT-2348/10A 272 NT-2348/12A 272 NT-2348/12A 272 NT-2348/14A 272 NT-2348/14A 272 NT-2348/14A 272 NT-2348/14A 272 NT-2348/15A 272 NT-2348/15A 272 NT-2358/10A 272 NT-2358/10A 274 NT-2358/10A 272	NT-343 277 NT-344 277 NT-344 277 NT-345 277 NT-345 277 NT-346 277 NT-347 275 NT-348 274 NT-348/10A 272 NT-349/10A 272 NT-349 275 NT-350 278 NT-350 278 NT-350 278 NT-350 278 NT-355/8 277 NT-355/8 277 NT-355/8 277 NT-355/8 275 NT-356/A 272	NT-622 147 NT-624 147 NT-624 147 NT-641W 145 NT-648 147 NT-650 147 NT-86 147 NT-87 147 NT-88 147 NT-89 147 NTA-101 104, 117, 145 NTA-101/2PL 106 NTA-102 104, 117, 145 NTA-103B/2PL 106 NTA-103B/2PL 106 NTA-638 117, 147 NTA-730W 145 NTA-86 117 NTA-862PL 106 NTA-87 104, 110 NTA-87 104, 117
NT-2315 274 NT-2316 274 NT-2316 274 NT-2318 276 NT-2328 274 NT-2331 273 NT-2348 274 NT-2348 274 NT-2348/10A 272 NT-2348/12A 272 NT-2348/12A 272 NT-2348/14A 272 NT-2348/14A 272 NT-2348/14A 272 NT-2348/14A 272 NT-2348/15A 272 NT-2348/15A 272 NT-2358/10A 272 NT-2358/10A 274 NT-2358/10A 272	NT-343 277 NT-344 277 NT-344 277 NT-345 277 NT-345 277 NT-346 277 NT-347 275 NT-348 274 NT-348/10A 272 NT-349/10A 272 NT-349 275 NT-350 278 NT-350 278 NT-350 278 NT-350 278 NT-355/8 277 NT-355/8 277 NT-355/8 277 NT-355/8 275 NT-356/A 272	NT-622 147 NT-624 147 NT-624 147 NT-641W 145 NT-648 147 NT-650 147 NT-86 147 NT-87 147 NT-88 147 NT-89 147 NTA-101 104, 117, 145 NTA-101/2PL 106 NTA-102 104, 117, 145 NTA-103B/2PL 106 NTA-103B/2PL 106 NTA-638 117, 147 NTA-730W 145 NTA-86 117 NTA-862PL 106 NTA-87 104, 110 NTA-87 104, 117
NT-2315 274 NT-2316 274 NT-2318 276 NT-2328 274 NT-2331 273 NT-2348 274 NT-2334 274 NT-2348/_A 274 NT-2348/_A 274 NT-2348/_A 272 NT-2358/_A 272 NT-2358/_A 272 NT-2358/_A 274 NT-2358/_A 274 NT-2358/_A 272	NT-343 277 NT-344 277 NT-344 277 NT-344 277 NT-346 277 NT-346 277 NT-347 275 NT-348 274 NT-348/_A 274 NT-348/_A 274 NT-348/_A 272 NT-348/_A 275 NT-350 278 NT-355 277 NT-355 277 NT-355 277 NT-355/_A 275 NT-358/_A 275 NT-358/_A 274 NT-358/_A 272	NT-622 147 NT-624 147 NT-624 147 NT-648 147 NT-650 147 NT-86 147 NT-87 147 NT-88 147 NT-89 147 NTA-101 104, 117, 145 NTA-101/2PL 106 NTA-102 104, 117, 145 NTA-103 117, 147 NTA-1038 104 NTA-1038/2PL 106 NTA-638 117, 147 NTA-30B/PL 104, 110 NTA-730W 145 NTA-86/2PL 106 NTA-87 104, 117 NTA-86/2PL 106 NTA-87 104, 117 NTA-86/2PL 106 NTA-87 104, 117
NT-2315 274 NT-2316 274 NT-2318 276 NT-2328 274 NT-2328 274 NT-2331 273 NT-2348 274 NT-2348/_A 274 NT-2348/_A 274 NT-2348/_IA 272 NT-2358/_IA 272 NT-2358/_IA 272 NT-2358/_IA 274 NT-2358/_IA 272	NT-343 277 NT-344 277 NT-344 277 NT-344 277 NT-346 277 NT-346 277 NT-347 275 NT-348 274 NT-348/A 274 NT-348/IAA 272 NT-358/IAA 274 NT-355/IAAA 274 NT-355/IAAAA 274 NT-358/IAAA 274 NT-358/IAAA 274 NT-358/IAAA 272 NT-358/IAAA 272 NT-358/IAAA 272 NT-358/IAAA 272 NT-358/IAAA 272	NT-622 147 NT-624 147 NT-624 147 NT-648 147 NT-650 147 NT-86 147 NT-86 147 NT-87 147 NT-88 147 NT-89 147 NTA-101 104, 117, 145 NTA-1012 104, 117, 145 NTA-1022/PL 106 NTA-103 117, 147 NTA-1038 104 NTA-1038/2PL 106 NTA-308/PL 106 NTA-308/PL 104, 110 NTA-308/PL 106 NTA-86 117 NTA-86/2PL 106 NTA-87 104, 117 NTA-87/PPL 106 NTA-87 104, 117
NT-2315	NT-343 277 NT-344 277 NT-344 277 NT-345 277 NT-345 277 NT-346 277 NT-347 275 NT-348 274 NT-348/10A 272 NT-350 278 NT-350 278 NT-350 278 NT-350 278 NT-350 278 NT-350 278 NT-350 277 NT-352 277 NT-352 277 NT-358/10A 272	NT-622 147 NT-624 147 NT-624 147 NT-641W 145 NT-648 147 NT-650 147 NT-86 147 NT-87 147 NT-88 147 NT-89 147 NTA-101 104,117, 145 NTA-101/2PL 106 NTA-102 104,117, 145 NTA-103B/2PL 106 NTA-103B/2PL 106 NTA-103B/2PL 106 NTA-103B/2PL 106 NTA-68 117, 147 NTA-68 117, 147 NTA-86/2PL 106 NTA-86 117 NTA-86/2PL 106 NTA-87 104,117 NTA-87/2PL 106 NTA-87 104,117 NTA-87/2PL 106 NTA-88 117 NTA-88/2PL 106
NT-2315	NT-343 277 NT-344 277 NT-344 277 NT-344 277 NT-346 277 NT-346 277 NT-347 275 NT-348 274 NT-348/A 274 NT-348/IAA 272 NT-358/IAA 274 NT-355/IAAA 274 NT-355/IAAAA 274 NT-358/IAAA 274 NT-358/IAAA 274 NT-358/IAAA 272 NT-358/IAAA 272 NT-358/IAAA 272 NT-358/IAAA 272 NT-358/IAAA 272	NT-622 147 NT-624 147 NT-624 147 NT-641W 145 NT-648 147 NT-650 147 NT-86 147 NT-87 147 NT-88 147 NT-89 147 NTA-101 104,117, 145 NTA-101/2PL 106 NTA-102 104,117, 145 NTA-103B/2PL 106 NTA-103B/2PL 106 NTA-103B/2PL 106 NTA-103B/2PL 106 NTA-68 117, 147 NTA-68 117, 147 NTA-86/2PL 106 NTA-86 117 NTA-86/2PL 106 NTA-87 104,117 NTA-87/2PL 106 NTA-87 104,117 NTA-87/2PL 106 NTA-88 117 NTA-88/2PL 106
NT-2315 274 NT-2316 274 NT-2316 274 NT-2318 276 NT-2328 274 NT-2331 273 NT-2348 274 NT-2348 274 NT-2348/10A 272 NT-2348/12A 272 NT-2348/12A 272 NT-2348/14A 272 NT-2348/14A 272 NT-2348/14A 272 NT-2348/15A 272 NT-2348/15A 272 NT-2348/15A 272 NT-2358/10A 272 NT-2358/10A 274 NT-2358/10A 274 NT-2358/10A 272	NT-343 277 NT-344 277 NT-344 277 NT-345 277 NT-345 277 NT-347 275 NT-348 274 NT-348/10A 272 NT-349/10A 272 NT-349 275 NT-350 278 NT-358/10A 272	NT-622 147 NT-624 147 NT-624 147 NT-641W 145 NT-648 147 NT-850 147 NT-86 147 NT-87 147 NT-88 147 NT-89 147 NTA-101 104, 117, 145 NTA-1012 104, 117, 145 NTA-102/2PL 106 NTA-103B 117, 147 NTA-103B 117, 147 NTA-103B 117, 147 NTA-103B 117, 147 NTA-30W 145 NTA-730W 145 NTA-730W 145 NTA-86 117 NTA-86 117 NTA-867/2PL 106 NTA-87 104, 110 NTA-87/2PL 106 NTA-88 117
NT-2315 274 NT-2316 274 NT-2318 276 NT-2328 274 NT-2331 273 NT-2348 274 NT-2331 273 NT-2348/_A 274 NT-2348/_A 274 NT-2348/_A 272 NT-2358/_A 272 NT-2358/_A 272 NT-2358/_A 274 NT-2358/_A 274 NT-2358/_A 272 NT-2358/_A 101, 104, 107 NT-24 101, 106, 117, 147 NT-24C 104	NT-343 277 NT-344 277 NT-344 277 NT-344 277 NT-345 277 NT-346 277 NT-346 277 NT-347 275 NT-348 274 NT-348/_A 274 NT-348/_A 274 NT-348/_A 272 NT-355 274 NT-355 274 NT-355 274 NT-358/_A 272	NT-622 147 NT-624 147 NT-624 147 NT-648 147 NT-650 147 NT-86 147 NT-86 147 NT-87 147 NT-88 147 NT-89 147 NTA-101 104, 117, 145 NTA-1012 104, 117, 145 NTA-102 104, 117, 145 NTA-103 117, 147 NTA-103B 104 NTA-103B/2PL 106 NTA-103B/2PL 104, 110 NTA-730B/PL 106 NTA-86 117 NTA-86/2PL 106 NTA-87 104, 117 NTA-88/2PL 106 NTA-88 117 NTA-88/2PL 106 NTA-88 117 NTA-88/2PL 106 NTA-88 117 NTA-88/2PL 106 NTA-89 117 NTA-88/2PL 106 NTA-88 117 NTA-88/2PL 106 NTA-88 117 NTA-89/2PL(106
NT-2315 274 NT-2316 274 NT-2318 276 NT-2328 274 NT-2331 273 NT-2348 274 NT-2348 274 NT-2348/10A 272 NT-2348/10A 272 NT-2348/12A 272 NT-2348/15A 272 NT-2348/15A 272 NT-2348/15A 272 NT-2348/15A 272 NT-2348/15A 272 NT-2348/15A 272 NT-2358/16A 272 NT-2358/7 5A 272 NT-238Z 101, 104, 107 NT-24 101, 106, 117, 147 NT-24C 104	NT-343 277 NT-344 277 NT-344 277 NT-345 277 NT-345 277 NT-347 275 NT-348 274 NT-348/10A 272 NT-349/10A 272 NT-349 275 NT-350 278 NT-358/10A 272	NT-622 147 NT-624 147 NT-624 147 NT-641W 145 NT-648 147 NT-850 147 NT-86 147 NT-87 147 NT-88 147 NT-89 147 NTA-101 104, 117, 145 NTA-1012 104, 117, 145 NTA-102/2PL 106 NTA-103B 117, 147 NTA-103B 117, 147 NTA-103B 117, 147 NTA-103B 117, 147 NTA-30W 145 NTA-730W 145 NTA-730W 145 NTA-86 117 NTA-86 117 NTA-867/2PL 106 NTA-87 104, 110 NTA-87/2PL 106 NTA-88 117
NT-2315 274 NT-2316 274 NT-2318 276 NT-2328 274 NT-2331 273 NT-2348 274 NT-2348 274 NT-2348/10A 272 NT-2348/10A 272 NT-2348/12A 272 NT-2348/15A 272 NT-2348/15A 272 NT-2348/15A 272 NT-2348/15A 272 NT-2348/15A 272 NT-2348/15A 272 NT-2358/16A 272 NT-2358/7 5A 272 NT-238Z 101, 104, 107 NT-24 101, 106, 117, 147 NT-24C 104	NT-343 277 NT-344 277 NT-344 277 NT-345 277 NT-345 277 NT-346 277 NT-347 275 NT-348 274 NT-348/10A 272 NT-348/10A 272 NT-348/1A 272 NT-348/1A 272 NT-348/1A 272 NT-348/1A 272 NT-348/1A 272 NT-348/1A 272 NT-348/2-5A 272 NT-348/2-5A 272 NT-348/2-5A 272 NT-348/3-5A 272 NT-349 275 NT-350 278 NT-350 278 NT-355 277 NT-355 277 NT-355 277 NT-355 277 NT-355 277 NT-358/1A 272	NT-622 147 NT-624 147 NT-624 147 NT-624 147 NT-641W 145 NT-648 147 NT-650 147 NT-86 147 NT-87 147 NT-88 147 NT-89 147 NTA-101 104, 117, 145 NTA-1012 104, 117, 145 NTA-102/2PL 106 NTA-103 117, 147 NTA-1038 104 NTA-103B/2PL 106 NTA-103B/2PL 106 NTA-638 117, 147 NTA-730B/PL 104, 110 NTA-730W 145 NTA-88 117 NTA-86/2PL 106 NTA-88 117 NTA-86/2PL 106 NTA-88 117 NTA-87/2PL 106 NTA-88 117 NTA-87/2PL 106 NTA-89 117 NTA-89/2PL 106 NTA-89 117 NTA-89/2PL 106 NTA-89 117 NTA-89/2PL 106 NTA-89 117 NTA-89/2PL 106 NTA-89 104, 117, 145
NT-2315 274 NT-2316 274 NT-2316 274 NT-2318 276 NT-2328 274 NT-2331 273 NT-2348 274 NT-2348 274 NT-2348/10A 272 NT-2348/10A 272 NT-2348/12A 272 NT-2348/14A 272 NT-2348/15A 272 NT-2348/15A 272 NT-2348/15A 272 NT-2348/15A 272 NT-2358/10A 272 NT-248/10A 10A	NT-343 277 NT-344 277 NT-344 277 NT-345 277 NT-345 277 NT-346 277 NT-347 275 NT-348 274 NT-348/10A 272 NT-350 278 NT-350 277 NT-352 277 NT-352 277 NT-358/10A 272	NT-622 147 NT-624 147 NT-624 147 NT-641W 145 NT-648 147 NT-650 147 NT-86 147 NT-87 147 NT-88 147 NT-89 147 NTA-101 104, 117, 145 NTA-101/2PL 106 NTA-102 104, 117, 145 NTA-103B/2PL 106 NTA-103 117, 147 NTA-103B/2PL 106 NTA-638 117, 147 NTA-30W 145 NTA-30W 145 NTA-86 117 NTA-86 117 NTA-86/2PL 106 NTA-87 104, 110 NTA-87/2PL 106 NTA-88 117 NTA-88/2PL 106 NTA-88 117 NTA-89/2PL 106 NTA-89 117 NTA-89/2PL 106 NTA-99/2PL 106 NTA-90/2PL 106
NT-2315 274 NT-2316 274 NT-2316 276 NT-2328 276 NT-2328 274 NT-2331 273 NT-2348 274 NT-2338 274 NT-2348/10A 272 NT-2348/10A 272 NT-2348/12A 272 NT-2348/14A 272 NT-2348/14A 272 NT-2348/14A 272 NT-2348/14A 272 NT-2348/14A 272 NT-2348/15A 272 NT-2348/15A 272 NT-2348/15A 272 NT-2358/16A 101, 104, 107 NT-24N 101, 106, 117, 147 NT-24N 107 NT-24N 107 NT-24W 148 NT-25 105, 147, 148	NT-343 277 NT-344 277 NT-344 277 NT-344 277 NT-345 277 NT-346 277 NT-346 277 NT-347 275 NT-348 274 NT-348/_A 274 NT-348/_A 274 NT-348/_A 272 NT-355 274 NT-355 275 NT-356 275 NT-356 275 NT-358/_A 272	NT-622 147 NT-624 147 NT-624 147 NT-648 147 NT-650 147 NT-86 147 NT-86 147 NT-87 147 NT-88 147 NT-89 147 NTA-101 104, 117, 145 NTA-101/2PL 106 NTA-102 104, 117, 145 NTA-103B 104 NTA-103B 117 NTA-86/2PL 106 NTA-88 117 NTA-88/2PL 106 NTA-89 117 NTA-88/2PL 106 NTA-96 104, 117, 145 NTA-96 104, 117, 145 NTA-96/2PL 106 NTA-96 104, 117, 145
NT-2315 274 NT-2316 274 NT-2316 274 NT-2318 276 NT-2328 274 NT-2331 273 NT-2348 274 NT-2348 274 NT-2348/10A 272 NT-2348/10A 272 NT-2348/12A 272 NT-2348/14A 272 NT-2348/15A 272 NT-2348/15A 272 NT-2348/15A 272 NT-2348/15A 272 NT-2358/10A 272 NT-248/10A 10A	NT-343 277 NT-344 277 NT-344 277 NT-345 277 NT-345 277 NT-346 277 NT-347 275 NT-348 274 NT-348/10A 272 NT-350 278 NT-350 277 NT-352 277 NT-352 277 NT-358/10A 272	NT-622 147 NT-624 147 NT-624 147 NT-641W 145 NT-648 147 NT-650 147 NT-86 147 NT-87 147 NT-88 147 NT-89 147 NTA-101 104, 117, 145 NTA-101/2PL 106 NTA-102 104, 117, 145 NTA-103B/2PL 106 NTA-103 117, 147 NTA-103B/2PL 106 NTA-638 117, 147 NTA-30W 145 NTA-30W 145 NTA-86 117 NTA-86 117 NTA-86/2PL 106 NTA-87 104, 110 NTA-87/2PL 106 NTA-88 117 NTA-88/2PL 106 NTA-88 117 NTA-89/2PL 106 NTA-89 117 NTA-89/2PL 106 NTA-99/2PL 106 NTA-90/2PL 106
NT-2315 274 NT-2316 274 NT-2318 276 NT-2328 274 NT-2331 273 NT-2348 274 NT-2331 273 NT-2348 274 NT-2348/10A 272 NT-2348/10A 272 NT-2348/14A 272 NT-2348/14A 272 NT-2348/14A 272 NT-2348/15A 272 NT-2348/15A 272 NT-2348/15A 272 NT-2348/15A 272 NT-2352 174 NT-2352 174 NT-2358/10A 272 NT-24 101, 106, 117, 147 NT-24U 101, 106, 117, 147 NT-24W 148 NT-25/20 275	NT-343 277 NT-344 277 NT-344 277 NT-344 277 NT-346 277 NT-346 277 NT-346 277 NT-347 275 NT-348 274 NT-348/10A 272 NT-348/2.5A 272 NT-348/2.5A 272 NT-348/3.5A 272 NT-358/3. 272 NT-358/3. 272 NT-358/3. 274 NT-358/10A 272 NT-358/70A 272 NT-358/70A 272 NT-358/70A 272 NT-358/70A 276 NT-360 276 NT-361	NT-622 147 NT-624 147 NT-624 147 NT-624 147 NT-652 147 NT-650 147 NT-86 147 NT-87 147 NT-88 147 NT-88 147 NT-89 147 NTA-101 104, 117, 145 NTA-101/2PL 106 NTA-102 104, 117, 145 NTA-103B 104 NTA-103B/2PL 106 NTA-103B/2PL 106 NTA-30B/PL 106 NTA-638 117, 147 NTA-730W 145 NTA-86/2PL 106 NTA-88 117 NTA-86/2PL 106 NTA-87 104, 117 NTA-88/2PL 106 NTA-88 117 NTA-88/2PL 106 NTA-89 117 NTA-89 117 NTA-89/2PL 106 NTA-99 117 NTA-89/2PL 106 NTA-99 117 NTA-89/2PL 106 NTA-96 104, 117, 145 NTA-96/2PL 106 NTA-96 104, 117, 145 NTA-96/2PL 106 NTA-96 104, 117, 145 NTA-96/2PL 106 NTA-99 107 NTA-89/2PL 106 NTA-99 107 NTA-89/2PL 106 NTA-96 104, 117, 145 NTA-96/2PL 106 NTA-99 104, 117, 145 NTA-97/2PL 106 NTA-97 104, 117, 145 NTA-97/2PL 106
NT-2315	NT-343 277 NT-344 277 NT-344 277 NT-345 277 NT-345 277 NT-346 277 NT-347 275 NT-348 274 NT-348/10A 272 NT-348/2.5A 272 NT-348/2.5A 272 NT-349/2.5A 272 NT-349/2.5A 272 NT-350 278 NT-350 278 NT-350 278 NT-350 278 NT-350 278 NT-358/10A 272	NT-622 147 NT-624 147 NT-624 147 NT-624 147 NT-631 147 NT-650 147 NT-86 147 NT-86 147 NT-87 147 NT-88 147 NT-89 147 NTA-101 104, 117, 145 NTA-101/2PL 106 NTA-102 104, 117, 145 NTA-103B/2PL 106 NTA-103B/2PL 106 NTA-103B/2PL 106 NTA-103B/2PL 106 NTA-103B/2PL 106 NTA-103B/2PL 106 NTA-730W 145 NTA-68 117 NTA-86/2PL 106 NTA-88 117 NTA-86/2PL 106 NTA-89 117 NTA-89/2PL 106 NTA-89 117 NTA-89/2PL 106 NTA-89 117 NTA-89/2PL 106 NTA-99 117 NTA-89/2PL 106 NTA-97 104, 117, 145 NTA-96/2PL 106 NTA-97 104, 117, 145 NTA-97/2PL 106 NTA-97 104, 117, 145
NT-2315 274 NT-2316 274 NT-2318 276 NT-2328 274 NT-2331 273 NT-2348 274 NT-2331 273 NT-2348 274 NT-2348/10A 272 NT-2348/10A 272 NT-2348/12A 272 NT-2348/14A 272 NT-2348/15A 272 NT-2348/15A 272 NT-2348/15A 272 NT-2348/15A 272 NT-2348/15A 272 NT-2358/16A 272 NT-24B 101, 106, 117, 147 NT-24C 104 NT-24N 107 NT-24W 148 NT-25 105, 147, 148 NT-25 105, 147, 148 NT-255/20 275 NT-28 110, 146	NT-343 277 NT-344 277 NT-344 277 NT-344 277 NT-345 277 NT-346 277 NT-346 277 NT-347 275 NT-347 275 NT-348 274 NT-348/A. 274 NT-348/IOA. 272 NT-348/IOA. 272 NT-348/IA. 272 NT-350 278 NT-351 277 NT-350 278 NT-351 277 NT-355/IA. 272 NT-358/IA. 272 NT-368/IA. 272 NT-368/IA. 272 NT-368/IA. 272 NT-361	NT-622 147 NT-624 147 NT-624 147 NT-648 147 NT-650 147 NT-86 147 NT-87 147 NT-88 147 NT-89 147 NT-89 147 NTA-101 104, 117, 145 NTA-101/2PL 106 NTA-102 104, 117, 145 NTA-103 117, 147 NTA-103B 104 NTA-103B/2PL 106 NTA-63B 117, 147 NTA-63B 117, 147 NTA-86/2PL 106 NTA-88 117 NTA-88/2PL 106 NTA-89 117 NTA-88/2PL 106 NTA-89 117 NTA-89/2PL 106 NTA-96 104, 117, 145 NTA-96/2PL 106 NTA-96 104, 117, 145 NTA-97/2PL 106 NTA-96 104, 117, 145 NTA-97/2PL 106 NTA-97 104, 117, 145 NTA-97/2PL 106 NTA-99 104, 117, 145 NTA-98/2PL(106
NT-2315	NT-343 277 NT-344 277 NT-344 277 NT-345 277 NT-345 277 NT-346 277 NT-347 275 NT-348 274 NT-348/10A 272 NT-348/2.5A 272 NT-348/2.5A 272 NT-349/2.5A 272 NT-349/2.5A 272 NT-350 278 NT-350 278 NT-350 278 NT-350 278 NT-350 278 NT-358/10A 272	NT-622 147 NT-624 147 NT-624 147 NT-624 147 NT-631 147 NT-650 147 NT-86 147 NT-86 147 NT-87 147 NT-88 147 NT-89 147 NTA-101 104, 117, 145 NTA-101/2PL 106 NTA-102 104, 117, 145 NTA-103B/2PL 106 NTA-103B/2PL 106 NTA-103B/2PL 106 NTA-103B/2PL 106 NTA-103B/2PL 106 NTA-103B/2PL 106 NTA-730W 145 NTA-68 117 NTA-86/2PL 106 NTA-88 117 NTA-86/2PL 106 NTA-89 117 NTA-89/2PL 106 NTA-89 117 NTA-89/2PL 106 NTA-89 117 NTA-89/2PL 106 NTA-99 117 NTA-89/2PL 106 NTA-97 104, 117, 145 NTA-96/2PL 106 NTA-97 104, 117, 145 NTA-97/2PL 106 NTA-97 104, 117, 145

NTA-99/2PL(106	NTH-106G24 253	NTL-158/2H
NTE-164/35270	NTH-107 266	NTL-172 268
NTE-370 269, 276	NTH-107NA35 241	NTL-180 268
NTE-810 236	NTH-108 266	NTL-181 268
NTE-818 233	NTH-108BA82 241	NTL-201 257
NTE-820 237	NTH-109 265	NTL-201/75257
NTE-830L 190	NTH-109NA22 240	NTL-202 257
NTE-840 237		NTL-202/75
	NTH-110 264	
NTE-842 234	NTH-111 264	NTL-203 257
NTE-845 234	NTH-111G24 253	NTL-203/75257
NTE-847 235	NTH-112 266	NTL-205 257
NTE-850 235	NTH-112NA22 240	NTL-207 257
NTE-854 236	NTH-113 267	NTL-207/75257
NTE-855 236	NTH-115 265	NTL-208 257
NTE-855BDB 278	NTH-119 266	NTL-209 257
NTE-855BDW	NTH-120 267	NTL-210 257
NTE-855FG 278	NTH-121 267	NTL-212 258
NTE-855HC 278	NTH-122 264	NTL-212/75258
NTE-855SN 278	NTH-123 264	NTL-213 258
NTE-855SNWW 278	NTH-124 264	NTL-214 258
NTE-890 233	NTH-125 264	NTL-214/75258
NTF-163 186, 269	NTH-126 264	NTL-215 258
NTF-164/35186	NTH-131 267	NTL-220 260
NTF-2642T 252	NTH-132 263	NTL-2200/50 275
NTF-3218 252	NTH-132WE30241	NTL-2200/75275
NTF-3227 252	NTH-133 263	NTL-221 258
NTF-3239 252	NTH-133BA82 241	NTL-2215/75258
NTF-3240 252	NTH-134 263	NTL-222 258
NTF-4124 251	NTH-135 263	NTL-225 260
NTF-4139 251	NTH-136 263	NTL-226B 259
NTF-4154 251	NTH-137 263	NTL-250 260
NTF-4224 251	NTH-138 265	NTL-262 254
NTF-4224-LENS278	NTH-138BA22 240	NTL-263 254
NTF-4239 251	NTH-146 266	NTL-264 254
NTF-4239-LENS 278	NTH-147 266	NTL-27A11/75260
NTF-4254 251	NTH-148 266	NTL-27M84/75 254
NTF-4254-LENS278	NTH-149 265	NTL-27M85/50 254
NTFL-2642278	NTH-149G24 253	NTL-27M86/50 254
	NTH-149WA35241	
NTFL-3218 278		NTL-301 254
NTFL-3227 278	NTH-150 265	NTL-302 254
NTFL-3229 278	NTH-150BA83 241	NTL-303 255
NTFL-3240 278	NTH-151 265	NTL-304 255
NTFL-4124 278	NTH-160 186, 269	NTL-304DC 255
NTFI -4139 278	NIH-161 186 269	NTI -305 255
NTFL-4139 278	NTH-161 186, 269	NTL-305 255
NTFL-4154 278	NTH-162 186, 269	NTL-306 255
NTFL-4154 278 NTG-4 127, 141	NTH-162 186, 269 NTH-176 263	NTL-306
NTFL-4154 278 NTG-4 127, 141 NTG-4B/80 47, 84, 152	NTH-162 186, 269 NTH-176 263 NTH-177 263	NTL-306
NTFL-4154	NTH-162 186, 269 NTH-176 263	NTL-306
NTFL-4154 278 NTG-4 127, 141 NTG-4B/80 47, 84, 152	NTH-162 186, 269 NTH-176 263 NTH-177 263	NTL-306
NTFL-4154	NTH-162 186, 269 NTH-176 263 NTH-177 263 NTH-178 264 NTH-613 261	NTL-306 255 NTL-307 255 NTL-309 186, 269 NTL-310 186, 269 NTL-311 186, 269
NTFL-4154	NTH-162 186, 269 NTH-176 263 NTH-177 263 NTH-178 264 NTH-613 261 NTH-614 261	NTL-306 255 NTL-307 255 NTL-3109 186, 269 NTL-311 186, 269 NTL-312 186, 269
NTFL-4154. 278 NTG-4 127,141 NTG-48/80. 47, 84, 152 NTG-4CF 47, 84, 152 NTG-4FC 47, 84, 152 NTG-4HC 47, 84, 152 NTG-4HC 39	NTH-162 186, 269 NTH-176 263 NTH-177 263 NTH-177 263 NTH-178 264 NTH-613 261 NTH-614 261 NTH-615 261	NTI-306 255 NTI-307 255 NTI-309 186, 269 NTI-310 186, 269 NTI-311 186, 269 NTI-312 186, 269 NTI-313 255
NTFL-4154. 278 NTG-4 127, 141 NTG-4B/80. 47, 84, 152 NTG-4CF 47, 84, 152 NTG-4FC 47, 84, 152 NTG-4HC 47, 84, 152 NTG-4SPH-CF 39 NTG-4SPH-FC 39	NTH-162 186, 269 NTH-176 263 NTH-177 263 NTH-178 264 NTH-613 261 NTH-614 261 NTH-615 261 NTH-616 261	NTL-306 255 NTL-307 255 NTL-309 186, 269 NTL-310 186, 269 NTL-311 186, 269 NTL-312 186, 269 NTL-313 255 NTL-314 255
NTFL-4154	NTH-162 186, 269 NTH-176 263 NTH-177 263 NTH-178 264 NTH-613 261 NTH-614 261 NTH-615 261 NTH-616 261 NTH-618 261	NTL-306 255 NTL-307 255 NTL-309 186, 269 NTL-310 186, 269 NTL-311 186, 269 NTL-312 186, 269 NTL-313 255 NTL-314 255 NTL-316 256
NTFL-4154. 278 NTG-4 127,141 NTG-48/80. 47, 84, 152 NTG-4CF 47, 84, 152 NTG-4FC 47, 84, 152 NTG-4FC 47, 84, 152 NTG-4SPH-CF 39 NTG-4SPH-FC 39 NTG-4SPH-HC 39 NTG-4SPH-HC 39 NTG-5 99, 143	NTH-162 186, 269 NTH-176 263 NTH-177 263 NTH-177 263 NTH-178 264 NTH-613 261 NTH-614 261 NTH-616 261 NTH-616 261 NTH-618 261 NTH-618 261 NTH-618 261 NTH-618 261	NTL-306 255 NTL-307 255 NTL-309 186, 269 NTL-310 186, 269 NTL-311 186, 269 NTL-313 255 NTL-314 255 NTL-314 255 NTL-316 256 NTL-317 256
NTFL-4154. 278 NTG-4 127, 141 NTG-4B/80. 47, 84, 152 NTG-4CF 47, 84, 152 NTG-4FC 47, 84, 152 NTG-4HC 47, 84, 152 NTG-4SPH-CF 39 NTG-4SPH-FC 39 NTG-4SPH-HC 39 NTG-5B/80. 49, 152	NTH-162 186, 269 NTH-176 263 NTH-177 263 NTH-177 263 NTH-178 264 NTH-613 261 NTH-615 261 NTH-615 261 NTH-616 261 NTH-618 261 NTH-618 261 NTH-618 261 NTH-618SE10 240 NTH-618SE111 240	NTL-306 255 NTL-307 255 NTL-309 186, 269 NTL-310 186, 269 NTL-311 186, 269 NTL-312 186, 269 NTL-313 255 NTL-314 255 NTL-316 256 NTL-317 256 NTL-318 256
NTFL-4154. 278 NTG-4 127,141 NTG-48/80. 47, 84, 152 NTG-4CF 47, 84, 152 NTG-4FC 47, 84, 152 NTG-4FC 47, 84, 152 NTG-4SPH-CF 39 NTG-4SPH-FC 39 NTG-4SPH-HC 39 NTG-4SPH-HC 39 NTG-5 99, 143	NTH-162 186, 269 NTH-176 263 NTH-177 263 NTH-177 263 NTH-178 264 NTH-613 261 NTH-614 261 NTH-616 261 NTH-616 261 NTH-618 261 NTH-618 261 NTH-618 261 NTH-618 261	NTL-306 255 NTL-307 255 NTL-309 186, 269 NTL-310 186, 269 NTL-311 186, 269 NTL-312 186, 269 NTL-313 255 NTL-314 255 NTL-315 256 NTL-316 256 NTL-317 256 NTL-318 256 NTL-319 256
NTFL-4154. 278 NTG-4 127, 141 NTG-4B/80. 47, 84, 152 NTG-4FC 47, 84, 152 NTG-4FC 47, 84, 152 NTG-4HC 47, 84, 152 NTG-4SPH-FC 39 NTG-4SPH-FC 39 NTG-4SPH-FC 39 NTG-5 99, 143 NTG-5 99, 143 NTG-5CF 49, 152	NTH-162 186, 269 NTH-176 263 NTH-177 263 NTH-177 264 NTH-613 261 NTH-614 261 NTH-615 261 NTH-616 261 NTH-618 261 NTH-618 240 NTH-618SE11 240 NTH-618SE111 240 NTH-618SH11 240 NTH-619 261	NTL-306 255 NTL-307 255 NTL-309 186, 269 NTL-310 186, 269 NTL-311 186, 269 NTL-312 186, 269 NTL-313 255 NTL-314 255 NTL-316 256 NTL-317 256 NTL-318 256
NTFL-4154	NTH-162 186, 269 NTH-176 263 NTH-177 263 NTH-177 264 NTH-613 261 NTH-613 261 NTH-615 261 NTH-616 261 NTH-618 261 NTH-618SE10 240 NTH-618SH11 240 NTH-619 261 NTH-619 261	NTL-306 255 NTL-307 255 NTL-309 186, 269 NTL-310 186, 269 NTL-311 186, 269 NTL-312 186, 269 NTL-314 255 NTL-315 255 NTL-316 256 NTL-317 256 NTL-318 256 NTL-319 256 NTL-320 256
NTFL-4154. 278 NTG-4 127,141 NTG-48/80. 47,84,152 NTG-4CF 47,84,152 NTG-4FC 47,84,152 NTG-4HC 47,84,152 NTG-4SPH-CF 39 NTG-4SPH-FC 39 NTG-4SPH-HC 39 NTG-5SP(39,143) NTG-5B/80. 49,152 NTG-5CF 49,152 NTG-5FC 49,152 NTG-5HC 49,152	NTH-162 186, 269 NTH-176 263 NTH-177 263 NTH-177 263 NTH-178 264 NTH-613 261 NTH-615 261 NTH-616 261 NTH-616 261 NTH-618 261 NTH-618SE10 240 NTH-619SE10 240 NTH-619 261 NTH-619 261 NTH-619 261 NTH-619 261	NTL-306 255 NTL-307 255 NTL-309 186, 269 NTL-310 186, 269 NTL-311 186, 269 NTL-312 186, 269 NTL-313 255 NTL-314 255 NTL-315 256 NTL-316 256 NTL-318 256 NTL-319 256 NTL-320 256 NTL-321 256
NTFL-4154. 278 NTG-4 127, 141 NTG-4B/80. 47, 84, 152 NTG-4C 47, 84, 152 NTG-4FC 47, 84, 152 NTG-4HC 47, 84, 152 NTG-4SPH-CF 39 NTG-4SPH-FC 39 NTG-4SPH-HC 39 NTG-5. 99, 143 NTG-5E0, 49, 152 NTG-5FC 49, 152 NTG-5FC 49, 152 NTG-5FC 49, 152 NTG-5HC 49, 152 NTG-6HC 49, 152 NTG-6C 105	NTH-162 186, 269 NTH-176 263 NTH-177 263 NTH-177 263 NTH-178 264 NTH-613 261 NTH-615 261 NTH-615 261 NTH-616 261 NTH-618 261 NTH-618 261 NTH-618SE10 240 NTH-619 261 NTH-619 261 NTH-619 261 NTH-619 261 NTH-620 261 NTH-620 261	NTL-306 255 NTL-307 255 NTL-309 186, 269 NTL-310 186, 269 NTL-311 186, 269 NTL-312 186, 269 NTL-313 255 NTL-314 255 NTL-315 256 NTL-317 256 NTL-318 256 NTL-319 256 NTL-319 256 NTL-320 256 NTL-321 256 NTL-322 256 NTL-323 256
NTFL-4154. 278 NTG-4 127, 141 NTG-4B/80. 47, 84, 152 NTG-4FC 47, 84, 152 NTG-4FC 47, 84, 152 NTG-4HC 47, 84, 152 NTG-4SPH-FC 39 NTG-4SPH-FC 39 NTG-5 99, 143 NTG-5B/80. 49, 152 NTG-5FC 49, 152 NTG-5FC 49, 152 NTG-5HC 49, 152 NTG-6B/120. 41, 152	NTH-162 186, 269 NTH-176 263 NTH-177 263 NTH-177 263 NTH-178 264 NTH-613 261 NTH-614 261 NTH-615 261 NTH-616 261 NTH-618 261 NTH-618 261 NTH-618SE10 240 NTH-618SH11 240 NTH-619 261 NTH-619 261 NTH-619 261 NTH-619 261 NTH-619 261 NTH-620 261 NTH-620 261 NTH-621 261 NTH-621 261 NTH-621 261	NTL-306 255 NTL-307 255 NTL-309 186, 269 NTL-310 186, 269 NTL-311 186, 269 NTL-312 186, 269 NTL-313 255 NTL-314 255 NTL-316 256 NTL-317 256 NTL-318 256 NTL-319 256 NTL-320 256 NTL-321 256 NTL-322 256 NTL-323 256 NTL-697 262
NTFL-4154. 278 NTG-4 127,141 NTG-48/80. 47,84,152 NTG-4CF 47,84,152 NTG-4FC 47,84,152 NTG-4HC 47,84,152 NTG-4SPH-CF 39 NTG-4SPH-FC 39 NTG-4SPH-HC 39 NTG-5B/80. 49,152 NTG-5CF 49,152 NTG-5CF 49,152 NTG-5HC 49,152 NTG-6 105 NTG-6B/120. 41,152 NTG-6B/120. 41,152 NTG-6B/120. 41,152 NTG-6B/120. 41,152 NTG-6B/120. 41,152	NTH-162 186, 269 NTH-176 263 NTH-177 263 NTH-177 263 NTH-177 264 NTH-613 261 NTH-613 261 NTH-615 261 NTH-616 261 NTH-616 261 NTH-618 261 NTH-618SE10 240 NTH-618SH11 240 NTH-619 261 NTH-620 261 NTH-621 261 NTH-621 261 NTH-694 262 NTH-694 262	NTI-306 255 NTI-307 255 NTI-309 186, 269 NTI-310 186, 269 NTI-311 186, 269 NTI-311 286, 269 NTI-313 255 NTI-314 255 NTI-316 256 NTI-317 256 NTI-318 256 NTI-319 256 NTI-319 256 NTI-323 256 NTI-323 256 NTI-323 256 NTI-323 256 NTI-323 256 NTI-697 262 NTI-509 233
NTFL-4154. 278 NTG-4 127,141 NTG-48/80. 47,84,152 NTG-4CF 47,84,152 NTG-4FC 47,84,152 NTG-4HC 47,84,152 NTG-4SPH-CF 39 NTG-4SPH-FC 39 NTG-4SPH-HC 39 NTG-5B/80. 49,152 NTG-5CF 49,152 NTG-5CF 49,152 NTG-5HC 49,152 NTG-6 105 NTG-6B/120. 41,152 NTG-6B/120. 41,152 NTG-6B/120. 41,152 NTG-6B/120. 41,152 NTG-6B/120. 41,152	NTH-162 186, 269 NTH-176 263 NTH-177 263 NTH-177 263 NTH-178 264 NTH-613 261 NTH-614 261 NTH-615 261 NTH-616 261 NTH-618 261 NTH-618 261 NTH-618SE10 240 NTH-618SH11 240 NTH-619 261 NTH-619 261 NTH-619 261 NTH-619 261 NTH-619 261 NTH-620 261 NTH-620 261 NTH-621 261 NTH-621 261 NTH-621 261	NTI-306 255 NTI-307 255 NTI-309 186, 269 NTI-310 186, 269 NTI-311 186, 269 NTI-311 286, 269 NTI-313 255 NTI-314 255 NTI-316 256 NTI-317 256 NTI-318 256 NTI-319 256 NTI-319 256 NTI-323 256 NTI-323 256 NTI-323 256 NTI-323 256 NTI-323 256 NTI-697 262 NTI-509 233
NTFL-4154. 278 NTG-4 127, 141 NTG-4B/80. 47, 84, 152 NTG-4CF 47, 84, 152 NTG-4FC 47, 84, 152 NTG-4FC 47, 84, 152 NTG-4HC 47, 84, 152 NTG-4SPH-CF 39 NTG-4SPH-FC 39 NTG-4SPH-HC 39 NTG-5B/80. 49, 152 NTG-5CF 49, 152 NTG-5CF 49, 152 NTG-5FC 49, 152 NTG-6B/120. 41, 152 NTG-6B/120. 41, 152 NTG-6B/80. 41, 151	NTH-162 186, 269 NTH-176 263 NTH-177 263 NTH-177 263 NTH-177 264 NTH-613 261 NTH-613 261 NTH-615 261 NTH-616 261 NTH-616 261 NTH-618 261 NTH-618SE10 240 NTH-618SH11 240 NTH-619 261 NTH-620 261 NTH-621 261 NTH-621 261 NTH-694 262 NTH-694 262	NTL-306 255 NTL-307 255 NTL-309 186, 269 NTL-310 186, 269 NTL-311 186, 269 NTL-312 186, 269 NTL-313 255 NTL-314 255 NTL-316 256 NTL-317 256 NTL-318 256 NTL-319 256 NTL-320 256 NTL-321 256 NTL-322 256 NTL-323 256 NTL-697 262
NTFL-4154. 278 NTG-4 127, 141 NTG-4B/80. 47, 84, 152 NTG-4CF. 47, 84, 152 NTG-4FC. 47, 84, 152 NTG-4HC. 47, 84, 152 NTG-4SPH-CF 39 NTG-4SPH-FC 39 NTG-4SPH-HC 39 NTG-5. 99, 143 NTG-5E/80. 49, 152 NTG-5FC 49, 152 NTG-5FC 49, 152 NTG-6B/80. 41, 51, 152 NTG-6B/80. 41, 51, 152 NTG-6B/80. 41, 51, 152 NTG-6B/80. 41, 51, 152 NTG-6CF 41, 51, 152 NTG-6CF 41, 51, 152	NTH-162 186, 269 NTH-176 263 NTH-177 263 NTH-177 263 NTH-178 264 NTH-613 261 NTH-614 261 NTH-615 261 NTH-616 261 NTH-618 261 NTH-618SE10 240 NTH-619SE10 240 NTH-619SE10 240 NTH-619SE10 240 NTH-694 262 NTH-694 262 NTH-695 262 NTH-883WA35 262	NTL-306 255 NTL-307 255 NTL-309 186, 269 NTL-310 186, 269 NTL-311 186, 269 NTL-312 186, 269 NTL-313 255 NTL-314 255 NTL-316 256 NTL-317 256 NTL-318 256 NTL-319 256 NTL-320 256 NTL-321 256 NTL-322 256 NTL-323 256 NTL-697 262 NTL-697 262 NTLF-203 239 NTLE-217 239 NTLE-213 239
NTFL-4154. 278 NTG-4 127,141 NTG-48/80. 47, 84, 152 NTG-4CF 47, 84, 152 NTG-4FC 47, 84, 152 NTG-4FC 47, 84, 152 NTG-4SPH-CF 39 NTG-4SPH-FC 39 NTG-4SPH-HC 39, 152 NTG-5CF 49, 152 NTG-5CF 49, 152 NTG-5HC 49, 152 NTG-6B/80. 41, 51, 152 NTG-6B/80. 41, 51, 152 NTG-6CF 41, 51, 152 NTG-6FC 41, 51, 152	NTH-162 186, 269 NTH-176 263 NTH-177 263 NTH-177 263 NTH-177 264 NTH-613 261 NTH-613 261 NTH-615 261 NTH-616 261 NTH-616 261 NTH-618 261 NTH-618SE10 240 NTH-618SE10 240 NTH-619 261 NTH-619 261 NTH-619 261 NTH-620 261 NTH-620 261 NTH-620 261 NTH-620 261 NTH-620 261 NTH-620 262 NTH-838 N	NTI-306 255 NTI-307 255 NTI-309 186, 269 NTI-310 186, 269 NTI-311 186, 269 NTI-311 286, 269 NTI-313 255 NTI-314 255 NTI-316 256 NTI-317 256 NTI-318 256 NTI-319 256 NTI-322 256 NTI-323 256 NTI-323 256 NTI-324 256 NTI-329 256 NTI-329 256 NTI-321 256 NTI-321 256 NTI-321 256 NTI-323 256 NTI-323 256 NTI-6207 239 NTIE-207 239 NTIE-213 239 NTIE-213 239 NTIE-213 239
NTFL-4154. 278 NTG-4 127,141 NTG-48/80. 47,84,152 NTG-4CF 47,84,152 NTG-4FC 47,84,152 NTG-4FC 47,84,152 NTG-4SPH-CF 39 NTG-4SPH-FC 39 NTG-4SPH-HC 39 NTG-5E/80. 49,152 NTG-5CF 49,152 NTG-5FC 49,152 NTG-6FC 49,152 NTG-6FC 41,51,152 NTG-6FC 43,152	NTH-162 186, 269 NTH-176 263 NTH-177 263 NTH-177 263 NTH-177 263 NTH-178 264 NTH-613 261 NTH-613 261 NTH-615 261 NTH-616 261 NTH-616 261 NTH-618 261 NTH-618SE10 240 NTH-618SH11 240 NTH-619 261 NTH-619 261 NTH-619 261 NTH-619 261 NTH-620 261 NTH-620 261 NTH-621 261 NTH-624 262 NTH-883 262 NTH-883 262 NTH-883 262 NTH-883WA35 242 NTH-884B484 262 NTH-884B8482 242	NTI-306 255 NTI-307 255 NTI-309 186, 269 NTI-310 186, 269 NTI-311 186, 269 NTI-313 255 NTI-314 255 NTI-316 256 NTI-316 256 NTI-318 256 NTI-319 256 NTI-320 256 NTI-320 256 NTI-321 256 NTI-323 256 NTI-321 256 NTI-323 256 NTI-321 256 NTI-323 256 NTI-421 256 NTI-520 256 NTI-521 256
NTFL-4154. 278 NTG-4 127, 141 NTG-4B/80. 47, 84, 152 NTG-4CF 47, 84, 152 NTG-4FC 47, 84, 152 NTG-4HC 47, 84, 152 NTG-4SPH-CF 39 NTG-4SPH-FC 39 NTG-4SPH-HC 39 NTG-5B/80. 49, 152 NTG-5CF 49, 152 NTG-5CF 49, 152 NTG-6C 41, 51, 152 NTG-6B/80. 41, 51, 515 NTG-6B/80. 41, 51, 152 NTG-6B/80. 41, 51, 152 NTG-6CC 41, 51, 152 NTG-6HC 43, 152 NTG-6HC 43, 152 NTG-8B/80. 43, 152 NTG-8B/80. 43, 152	NTH-162 186, 269 NTH-176 263 NTH-177 263 NTH-177 263 NTH-177 263 NTH-178 264 NTH-613 261 NTH-614 261 NTH-615 261 NTH-615 261 NTH-618 261 NTH-618 261 NTH-618SE10 240 NTH-619SE10 240 NTH-619SE10 240 NTH-619SE10 240 NTH-620 261 NTH-621 261 NTH-694 262 NTH-694 262 NTH-884 NTH-884 262 NTH-884 NTH-884 262 NTH-884 N	NTL-306 255 NTL-307 255 NTL-309 186, 269 NTL-310 186, 269 NTL-311 186, 269 NTL-313 255 NTL-314 255 NTL-314 255 NTL-316 256 NTL-317 256 NTL-318 256 NTL-318 256 NTL-319 256 NTL-320 256 NTL-320 256 NTL-321 256 NTL-321 256 NTL-321 256 NTL-321 256 NTL-321 256 NTL-321 256 NTL-323 256 NTL-321 256 NTL-323 256 NTL-203 239 NTLE-203 239 NTLE-203 239 NTLE-214 239 NTLE-214 239 NTLE-214 239 NTLE-215 238 NTLE-265 238 NTLE-8265 238
NTFL-4154. 278 NTG-4 127,141 NTG-48/80. 47, 84, 152 NTG-4CF 47, 84, 152 NTG-4FC 47, 84, 152 NTG-4FC 47, 84, 152 NTG-4SPH-CF 39 NTG-4SPH-FC 39 NTG-4SPH-HC 39, 152 NTG-5E 99, 143 NTG-5B/80. 49, 152 NTG-5CF 49, 152 NTG-5HC 49, 152 NTG-5HC 49, 152 NTG-6 105 NTG-6B/80. 41, 51, 152 NTG-6CF 41, 51, 152 NTG-6HC 41, 51, 152 NTG-8B/80. 43, 152 NTG-8B/80. 43, 152 NTG-8B/8CF 43, 152	NTH-162 186, 269 NTH-176 263 NTH-177 263 NTH-177 263 NTH-177 264 NTH-613 261 NTH-613 261 NTH-615 261 NTH-616 261 NTH-618 261 NTH-618 261 NTH-618SE10 240 NTH-618SE10 240 NTH-619 261 NTH-619 261 NTH-619 261 NTH-619 261 NTH-619 261 NTH-620 261 NTH-620 261 NTH-620 261 NTH-620 261 NTH-620 261 NTH-621 261 NTH-621 261 NTH-638 NTH-6	NTI-306 255 NTI-307 255 NTI-309 186, 269 NTI-310 186, 269 NTI-311 186, 269 NTI-313 255 NTI-314 255 NTI-316 256 NTI-317 256 NTI-318 256 NTI-318 256 NTI-319 256 NTI-320 256 NTI-321 256 NTI-520 256 NTI-521 256 NTI-620 256
NTFL-4154. 278 NTG-4 127,141 NTG-48/80. 47,84,152 NTG-4CF 47,84,152 NTG-4FC 47,84,152 NTG-4HC 47,84,152 NTG-4SPH-CF 39 NTG-4SPH-FC 39 NTG-4SPH-HC 39 NTG-5B/80. 49,152 NTG-5CF 49,152 NTG-5CF 49,152 NTG-5HC 49,152 NTG-6 105 NTG-6B/80. 41,51,152 NTG-6CF 41,51,152 NTG-6CF 41,51,152 NTG-6CF 41,51,152 NTG-6CF 41,51,152 NTG-6CF 41,51,152 NTG-6CF 41,51,152 NTG-6HC 41,51,152 NTG-8B/107 43,152	NTH-162 186, 269 NTH-176 263 NTH-177 263 NTH-177 263 NTH-177 263 NTH-178 264 NTH-613 261 NTH-613 261 NTH-615 261 NTH-616 261 NTH-616 261 NTH-618 261 NTH-618SE10 240 NTH-618SH11 240 NTH-619 261 NTH-619 261 NTH-619 261 NTH-620 261 NTH-620 261 NTH-621 261 NTH-621 261 NTH-638 262 NTH-883 262 NTH-883 262 NTH-883 262 NTH-883WA35 242 NTH-884BA82 242 NTH-910 262 NTH-910 262 NTH-910WE10 240 NTH-920 267	NTI-306
NTFL-4154. 278 NTG-4 127,141 NTG-4B/80. 47,84,152 NTG-4CF 47,84,152 NTG-4FC 47,84,152 NTG-4FC 47,84,152 NTG-4HC 47,84,152 NTG-4SPH-CF 39 NTG-4SPH-FC 39 NTG-5B/80. 49,152 NTG-5CF 49,152 NTG-5CF 49,152 NTG-6B/80. 41,51,152 NTG-6B/80. 41,51,152 NTG-6B/80. 41,51,152 NTG-6B/80. 41,51,152 NTG-6BC 41,51,152 NTG-6FC 41,51,152 NTG-6FC 41,51,152 NTG-6FC 41,51,152 NTG-6HC 41,51,152 NTG-6HC 41,51,152 NTG-6HC 41,51,152 NTG-6HC 41,51,152 NTG-6HC 41,51,152 NTG-8B/80. 43,152 NTG-8B/80. 43,152 NTG-8B/80. 43,152 NTG-8CF 43,152	NTH-162 186, 269 NTH-176 263 NTH-177 263 NTH-177 263 NTH-177 263 NTH-178 264 NTH-613 261 NTH-613 261 NTH-615 261 NTH-616 261 NTH-618 261 NTH-618 261 NTH-618SE10 240 NTH-619SE10 240 NTH-619SE10 240 NTH-620 261 NTH-621 261 NTH-624 262 NTH-834 262 NTH-834 262 NTH-844 262 NTH-845 262 NTH-883 262 NTH-883 262 NTH-884 262 NTH-887 262 NTH-888 262 NTH-889 262 NTH-8910WE10 262 NTH-910WE10 266	NTL-306
NTFL-4154. 278 NTG-4 127,141 NTG-48/80. 47,84,152 NTG-4CF 47,84,152 NTG-4FC 47,84,152 NTG-4HC 47,84,152 NTG-4SPH-CF 39 NTG-4SPH-FC 39 NTG-4SPH-HC 39 NTG-5B/80. 49,152 NTG-5CF 49,152 NTG-5CF 49,152 NTG-5HC 49,152 NTG-6 105 NTG-6B/80. 41,51,152 NTG-6CF 41,51,152 NTG-6CF 41,51,152 NTG-6CF 41,51,152 NTG-6CF 41,51,152 NTG-6CF 41,51,152 NTG-6CF 41,51,152 NTG-6HC 41,51,152 NTG-8B/107 43,152	NTH-162 186, 269 NTH-176 263 NTH-177 263 NTH-177 263 NTH-177 263 NTH-178 264 NTH-613 261 NTH-613 261 NTH-615 261 NTH-616 261 NTH-616 261 NTH-618 261 NTH-618SE10 240 NTH-618SH11 240 NTH-619 261 NTH-619 261 NTH-619 261 NTH-620 261 NTH-620 261 NTH-621 261 NTH-621 261 NTH-638 262 NTH-883 262 NTH-883 262 NTH-883 262 NTH-883WA35 242 NTH-884BA82 242 NTH-910 262 NTH-910 262 NTH-910WE10 240 NTH-920 267	NTI-306
NTFL-4154. 278 NTG-4 127,141 NTG-48/80. 47, 84, 152 NTG-4CF 47, 84, 152 NTG-4FC 47, 84, 152 NTG-4FC 47, 84, 152 NTG-4SPH-CF 39 NTG-4SPH-FC 39 NTG-4SPH-HC 39, 152 NTG-5E 99, 143 NTG-5B/80. 49, 152 NTG-5CF 49, 152 NTG-5HC 49, 152 NTG-6HC 41, 51, 152 NTG-6B/80. 41, 51, 152 NTG-6CF 43, 152 NTG-8B/6C 43, 152 NTG-8CF 43, 152 N	NTH-162 186, 269 NTH-176 263 NTH-177 263 NTH-177 263 NTH-177 264 NTH-613 261 NTH-613 261 NTH-615 261 NTH-616 261 NTH-618 261 NTH-618SE10 240 NTH-618SE10 240 NTH-618SE10 240 NTH-619 261 NTH-619 261 NTH-619 261 NTH-619 261 NTH-620 261 NTH-620 261 NTH-620 261 NTH-620 261 NTH-621 261 NTH-624 262 NTH-834 NTH-695 262 NTH-883 262 NTH-884 NTH-884 NTH-884 NTH-884 NTH-884 NTH-884 NTH-884 NTH-884 NTH-884 NTH-910 NTH-920 N	NTI-306 255 NTI-307 255 NTI-307 255 NTI-309 186, 269 NTI-310 186, 269 NTI-311 186, 269 NTI-313 255 NTI-314 255 NTI-316 256 NTI-317 256 NTI-318 256 NTI-318 256 NTI-319 256 NTI-320 256 NTI-321 256 NTI-202 256 NTI-213 239 NTIE-207 239 NTIE-213 239 NTIE-214 239 NTIE-213 239 NTIE-214 239 NTIE-215 238 NTIE-265 238 NTIE-850 268 NTM-1200/12SP 285 NTM-1200/12SP 285
NTFL-4154. 278 NTG-4 127,141 NTG-48/80. 47,84,152 NTG-4CF 47,84,152 NTG-4FC 47,84,152 NTG-4FC 47,84,152 NTG-4SPH-CF 39 NTG-4SPH-FC 39 NTG-4SPH-HC 39 NTG-5B/80. 49,152 NTG-5CF 49,152 NTG-5CF 49,152 NTG-5CF 49,152 NTG-6B/80. 41,51,152 NTG-6B/80. 41,51,152 NTG-6CF 41,51,152 NTG-6CF 41,51,152 NTG-6CF 41,51,152 NTG-6CF 41,51,152 NTG-6CF 41,51,152 NTG-8B/80. 43,152	NTH-162 186, 269 NTH-176 263 NTH-177 263 NTH-177 263 NTH-177 2640 NTH-613 264 NTH-613 261 NTH-615 261 NTH-616 261 NTH-618 261 NTH-618 261 NTH-618SE10 240 NTH-618SH11 240 NTH-619 261 NTH-619 261 NTH-620 261 NTH-620 261 NTH-620 261 NTH-620 261 NTH-620 262 NTH-883 262 NTH-884 262 NTH-884 NTH-884 262 NTH-884 NTH-884 262 NTH-884 NTH-885 NTH-884 NTH-884 NTH-884 NTH-884 NTH-884 NTH-885 NTH-884	NTI-306
NTFL-4154. 278 NTG-4 127,141 NTG-48/80. 47,84,152 NTG-4CF 47,84,152 NTG-4FC 47,84,152 NTG-4FC 47,84,152 NTG-4HC 39 NTG-4SPH-FC 39 NTG-4SPH-HC 39 NTG-5B/80. 49,152 NTG-5CF 49,152 NTG-5FC 49,152 NTG-5FC 49,152 NTG-6B/120. 41,152 NTG-6B/120. 41,152 NTG-6B/120. 41,152 NTG-6FC 41,51,152 NTG-8B/167 43,152 NTG-8FC 43,152 NTG-8FC 43,152 NTG-8FC 43,152 NTG-8FC 43,152 NTG-8HC 43,152 NTH-101 266 NTH-1010624 253 NTH-1010624 253 NTH-1010624 256	NTH-162 186, 269 NTH-176 263 NTH-177 263 NTH-177 263 NTH-177 263 NTH-177 263 NTH-177 264 NTH-613 261 NTH-613 261 NTH-615 261 NTH-616 261 NTH-616 261 NTH-618 261 NTH-618SE10 240 NTH-618SH11 240 NTH-619 261 NTH-619 261 NTH-620 261 NTH-621 261 NTH-621 261 NTH-624 262 NTH-883 262 NTH-883 262 NTH-883 262 NTH-883 262 NTH-883W35 242 NTH-910 262 NTH-910 267 NTH-9208A22 242 NTH-930 267 NTH-9208A22 242 NTH-930W422 242 NTH-930W422 242 NTH-930W422 242 NTH-910WE10 231	NTL-306
NTFL-4154. 278 NTG-4 127,141 NTG-4B/80. 47,84,152 NTG-4CF 47,84,152 NTG-4FC 47,84,152 NTG-4FC 47,84,152 NTG-4HC 39 NTG-4SPH-FC 39 NTG-4SPH-FC 39 NTG-5B/80. 49,152 NTG-5CF 49,152 NTG-5CF 49,152 NTG-6C 41,51,152 NTG-6C 41,51,152 NTG-6B/80. 41,51,152 NTG-6FC 41,51,152 NTG-8FC 43,152 NTG-8B/80. 43,152 NTG-8CF	NTH-162 186, 269 NTH-176 263 NTH-177 263 NTH-177 263 NTH-177 264 NTH-613 261 NTH-613 261 NTH-615 261 NTH-616 261 NTH-618 261 NTH-618SE10 240 NTH-618SE10 240 NTH-618SE10 240 NTH-619 261 NTH-619 261 NTH-619 261 NTH-620 261 NTH-620 261 NTH-620 261 NTH-620 262 NTH-820 NTH-844 262 NTH-844 262 NTH-845 NTH-845 NTH-854 NTH-855 NTH-855 NTH-855 NTH-855 NTH-855 NTH-856 NTH-950 NTH-9	NTL-306 255 NTL-307 255 NTL-309 186, 269 NTL-310 186, 269 NTL-311 186, 269 NTL-312 186, 269 NTL-313 255 NTL-314 255 NTL-316 256 NTL-318 256 NTL-319 256 NTL-319 256 NTL-320 256 NTL-320 256 NTL-321 256 NTL-321 256 NTL-321 256 NTL-321 256 NTL-323 256 NTL-807 262 NTL-203 239 NTLE-203 239 NTLE-214 239 NTLE-214 239 NTLE-215 238 NTLE-850 268 NTLE-850 268 NTLE-850 268 NTM-1200/24SP 285 NTM-1200/24SP 285 NTM-150/12SP 285 NTM-150/12SP 285 NTM-150/12SP 285 NTM-150/12SP 285 NTM-17T Series 244 NTM-27P20/20 246 NTM-27P20/39 246
NTFL-4154. 278 NTG-4 127,141 NTG-48/80. 47, 84, 152 NTG-4CF 47, 84, 152 NTG-4FC 47, 84, 152 NTG-4FC 47, 84, 152 NTG-4SPH-CF 39 NTG-4SPH-FC 39 NTG-4SPH-HC 39 NTG-5E/80. 49, 152 NTG-5CF 49, 152 NTG-5CF 49, 152 NTG-5HC 49, 152 NTG-6B/80. 41, 51, 152 NTG-8B/80. 43, 152 NTG-	NTH-162 186, 269 NTH-176 263 NTH-177 263 NTH-177 263 NTH-177 264 NTH-613 264 NTH-613 261 NTH-615 261 NTH-616 261 NTH-616 261 NTH-618 261 NTH-618 261 NTH-618SE10 240 NTH-618SH11 240 NTH-619 261 NTH-619 261 NTH-620 261 NTH-620 261 NTH-620 261 NTH-620 262 NTH-820 262 NTH-883 262 NTH-884 262 NTH-884 262 NTH-884 262 NTH-884B42 242 NTH-910 262 NTH-910 267 NTH-920BA22 242 NTH-920BA22 242 NTH-930WA22 2668 NTI-151 268	NTI-306
NTFL-4154. 278 NTG-4 127,141 NTG-48/80. 47,84,152 NTG-4CF 47,84,152 NTG-4FC 47,84,152 NTG-4FC 47,84,152 NTG-4HC 39 NTG-4SPH-FC 39 NTG-4SPH-FC 39 NTG-5B/80. 49,152 NTG-5CF 49,152 NTG-5CF 49,152 NTG-5CF 49,152 NTG-6B/120. 41,152 NTG-6B/120. 41,152 NTG-6B/120. 41,152 NTG-6CF 41,51,152 NTG-6FC 41,51,152 NTG-6FC 41,51,152 NTG-8FC 43,152 NTG-8FC 43,152 NTG-8FC 43,152 NTG-8FC 43,152 NTG-8B/80.	NTH-162 186, 269 NTH-176 263 NTH-177 263 NTH-177 263 NTH-177 263 NTH-177 264 NTH-613 264 NTH-613 261 NTH-615 261 NTH-616 261 NTH-616 261 NTH-618 261 NTH-618 261 NTH-618SE10 240 NTH-618SH11 240 NTH-619 261 NTH-620 261 NTH-620 261 NTH-620 261 NTH-621 261 NTH-624 262 NTH-883 262 NTH-8910 262 NTH-910 263 NTH-910 264 NTH-910 266 NTH-9208A22 242 NTH-930 267 NTH-9208W22 242 NTH-910 268 NTH-150 268 NTL-151/2H 268	NTL-306
NTFL-4154. 278 NTG-4 127,141 NTG-48/80. 47,84,152 NTG-4CF 47,84,152 NTG-4FC 47,84,152 NTG-4FC 47,84,152 NTG-4HC 39 NTG-4SPH-FC 39 NTG-4SPH-FC 39 NTG-5B/80. 49,152 NTG-5CF 49,152 NTG-5CF 49,152 NTG-6B/120. 41,152 NTG-6B/120. 41,152 NTG-6B/120. 41,152 NTG-6B/120. 41,51,152 NTG-6B/120. 41,51,152 NTG-6B/120. 41,51,152 NTG-6BC 41,51,152 NTG-6BC 41,51,152 NTG-6FC 41,51,152 NTG-6FC 41,51,152 NTG-6FC 41,51,152 NTG-8FC 43,152 NTG-8FC 43,152 NTG-8FC 43,152 NTG-8CF 43,152 NTG-8	NTH-162 186, 269 NTH-176 263 NTH-177 263 NTH-177 263 NTH-177 264 NTH-613 264 NTH-613 261 NTH-615 261 NTH-616 261 NTH-616 261 NTH-618 261 NTH-618 261 NTH-618SE10 240 NTH-618SH11 240 NTH-619 261 NTH-619 261 NTH-620 261 NTH-620 261 NTH-620 261 NTH-620 262 NTH-820 262 NTH-883 262 NTH-884 262 NTH-884 262 NTH-884 262 NTH-884B42 242 NTH-910 262 NTH-910 267 NTH-920BA22 242 NTH-920BA22 242 NTH-930WA22 2668 NTI-151 268	NTL-306 255 NTL-307 255 NTL-309 186, 269 NTL-310 186, 269 NTL-311 186, 269 NTL-312 186, 269 NTL-313 255 NTL-314 255 NTL-314 255 NTL-316 256 NTL-318 256 NTL-319 256 NTL-319 256 NTL-320 256 NTL-320 256 NTL-321 256 NTL-321 256 NTL-321 256 NTL-323 256 NTL-213 256 NTL-203 239 NTLE-203 239 NTLE-203 239 NTLE-214 239 NTLE-215 238 NTLE-850 268 NTM-1200/12SP 285 NTM-1200/24SP 285 NTM-17 Series 244 NTM-27P20/29 246 NTM-27P20/39 246 NTM-27P30/70 246 NTM-27P30/70 246 NTM-27P30/70 246 NTM-27P30/70 246 NTM-27P30/70 246 NTM-27P30/70 246
NTFL-4154. 278 NTG-4 127,141 NTG-48/80. 47,84,152 NTG-4CF 47,84,152 NTG-4FC 47,84,152 NTG-4FC 47,84,152 NTG-4HC 39 NTG-4SPH-FC 39 NTG-4SPH-FC 39 NTG-5B/80. 49,152 NTG-5CF 49,152 NTG-5CF 49,152 NTG-5CF 49,152 NTG-6B/120. 41,152 NTG-6B/120. 41,152 NTG-6B/120. 41,152 NTG-6CF 41,51,152 NTG-6FC 41,51,152 NTG-6FC 41,51,152 NTG-8FC 43,152 NTG-8FC 43,152 NTG-8FC 43,152 NTG-8FC 43,152 NTG-8B/80.	NTH-162 186, 269 NTH-176 263 NTH-177 263 NTH-177 263 NTH-177 263 NTH-177 264 NTH-613 264 NTH-613 261 NTH-615 261 NTH-616 261 NTH-616 261 NTH-618 261 NTH-618 261 NTH-618SE10 240 NTH-618SH11 240 NTH-619 261 NTH-620 261 NTH-620 261 NTH-620 261 NTH-621 261 NTH-624 262 NTH-883 262 NTH-8910 262 NTH-910 263 NTH-910 264 NTH-910 266 NTH-9208A22 242 NTH-930 267 NTH-9208W22 242 NTH-910 268 NTH-150 268 NTL-151/2H 268	NTL-306
NTFL-4154. 278 NTG-4 127,141 NTG-48/80. 47, 84, 152 NTG-4CF 47, 84, 152 NTG-4FC 47, 84, 152 NTG-4FC 47, 84, 152 NTG-4SPH-CF 39 NTG-4SPH-FC 39 NTG-4SPH-HC 39, 152 NTG-5E 99, 143 NTG-5B/80. 49, 152 NTG-5CF 49, 152 NTG-5CF 49, 152 NTG-5HC 49, 152 NTG-6CF 41, 51, 152 NTG-6B/80. 41, 51, 152 NTG-8B/80. 43, 152 NTG-8B/80. 43, 152 NTG-8HC 41, 51, 152 NTG-8B/80. 43, 152 NTG-8B/80. 43, 152 NTG-8BC 43, 152 NTG-8CC 42, 253 NTH-101 266 NTH-102C24 253 NTH-104C24 253 NTH-104C24 253 NTH-104C24 253 NTH-104C42 253 NTH-105 266	NTH-162 186, 269 NTH-176 263 NTH-177 263 NTH-177 263 NTH-177 263 NTH-177 264 NTH-613 261 NTH-613 261 NTH-615 261 NTH-616 261 NTH-616 261 NTH-618 261 NTH-618 261 NTH-618SH11 240 NTH-618SH11 240 NTH-619 261 NTH-619 261 NTH-620 261 NTH-620 261 NTH-620 261 NTH-620 261 NTH-621 261 NTH-624 262 NTH-883 262 NTH-883 262 NTH-884BA82 242 NTH-884BA82 242 NTH-884BA82 242 NTH-910 262 NTH-930WA22 242 NTH-920BA22 242 NTH-930WA22 242 NTH-930WA22 242 NTH-930WA22 242 NTH-930WA22 242 NTH-930WA22 242 NTH-930WA22 242 NTH-910 266 NTH-930WA22 268 NTL-151/2PL 268	NTL-306
NTFL-4154. 278 NTG-4 127,141 NTG-48/80. 47,84,152 NTG-4CF 47,84,152 NTG-4FC 47,84,152 NTG-4FC 47,84,152 NTG-4HC 39 NTG-4SPH-FC 39 NTG-4SPH-FC 39 NTG-5B/80. 49,152 NTG-5CF 49,152 NTG-5CF 49,152 NTG-6B/120. 41,152 NTG-6B/120. 41,152 NTG-6B/120. 41,51,152 NTG-6B/120. 41,51,152 NTG-6B/120. 41,51,152 NTG-6BC 41,51,152 NTG-8BC 43,152 NTG-8BC 43,152 NTG-8BC 43,152 NTG-8CF 43,152 NTG-8CF 43,152 NTG-8CF 43,152 NTG-8CF 43,152 NTG-BC 4	NTH-162 186, 269 NTH-176 263 NTH-177 263 NTH-177 263 NTH-177 263 NTH-177 263 NTH-178 264 NTH-613 261 NTH-613 261 NTH-615 261 NTH-616 261 NTH-618 261 NTH-618 261 NTH-618SE10 240 NTH-619SE10 240 NTH-619SE10 240 NTH-620 261 NTH-621 261 NTH-624 262 NTH-834 262 NTH-834 262 NTH-844 262 NTH-894 262 NTH-895 262 NTH-883 262 NTH-884 262 NTH-884 262 NTH-884 262 NTH-884 262 NTH-884 262 NTH-890 266 NTH-910WE10 240 NTH-920BA22 242 NTH-910 262 NTH-930WA22 242 NTH-930 267 NTH-930WA22 242 NTH-930 267 NTH-930WA22 242 NTH-930 267 NTH-930WA22 242 NTH-910 268 NTL-151 268	NTL-306 255 NTL-307 255 NTL-309 186, 269 NTL-310 186, 269 NTL-311 186, 269 NTL-312 186, 269 NTL-313 255 NTL-314 255 NTL-314 255 NTL-316 256 NTL-318 256 NTL-319 256 NTL-319 256 NTL-320 256 NTL-320 256 NTL-321 256 NTL-321 256 NTL-321 256 NTL-323 256 NTL-213 256 NTL-203 239 NTLE-203 239 NTLE-203 239 NTLE-214 239 NTLE-215 238 NTLE-850 268 NTM-1200/12SP 285 NTM-1200/24SP 285 NTM-17 Series 244 NTM-27P20/29 246 NTM-27P30/39 246 NTM-27P30/70 246 NTM-27P30/70 246 NTM-27P30/70 246 NTM-27P30/70 246 NTM-27P30/70 246 NTM-27P30/70 246

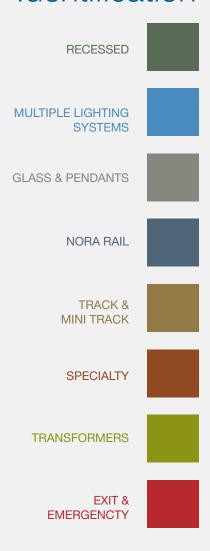


NTM-27T6/39 245	NTM-600/24SP 285	NTS-438CWF84
NTM-27T6/70 245	NTM-6038/70 249	
		NTS-4922 95
NTM-27U30/20 245	NTM-6138/70 249	NTS-4923 95
NTM-27X15/20 246	NTM-614B/45 148	NTS-4924 95
NTM-27X35/20 246	NTM-615B107, 148	NTS-4925 95
NTM-27X45/20 246	NTM-615B/45 148	NTS-4926 95
NTM-29BG145	NTM-6220/35 246	NTS-4927 95
NTM-300/12SP 285	NTM-6230/35 247	NTS-4930 108
NTM-300/24SP 285	NTM-6230/70 247	NTS-4930BW95
	NTM-6238/70 247	NTS-4931 95, 108
NTM-30C0145		
NTM-31 145	NTM-628B146	NTS-4955CW95
NTM-32145	NTM-6320/35 247	NTS-49C 110, 146
NTM-322 147	NTM-6330/20 247	NTS-5022 143
NTM-323 147	NTM-6330/35 247	NTS-5023 143
NTM-324 147	NTM-6330/70 247	NTS-5024 143
NTM-33145	NTM-6338/70 247	NTS-5025 143
NTM-38 110, 146, 148	NTM-6420/35 247	NTS-5026 143
		NTS-5038W143
NTM-39 110, 146, 148	NTM-6430/35 248	
NTM-40 101	NTM-6430/70 248	NTS-5222 99
NTM-41 101	NTM-6438/70 248	NTS-5223 99
NTM-41BZ101	NTM-6617/70 250	NTS-5224 99
NTM-42 101, 104, 106, 117,	NTM-6630/35 247	NTS-5225 99
147	NTM-6630/70 247	NTS-5226
NTM-43 101, 117, 147	NTM-6638/70 247	NTS-5230 99, 109
NTM-43W 104, 106	NTM-6857 145	NTS-5231 99, 109
NTM-46 101, 104, 117, 147		
	NTM-710 145	NTS-5238 99
NTM-46M 106	NTM-710WBAL 104	NTS-5242 99
NTM-48 110, 146	NTM-713W/PL 104, 110	NTS-5243 99
NTM-49110, 146	NTM-713WAL 145	NTS-5244 99
NTM-5014W 143	NTM-716145	NTS-5245 99
NTM-5038/100 249	NTM-716BAL 104	NTS-5246 99
NTM-5038/70 249	NTM-726 147	NTS-5247 99
NTM-50C146	NTM-77T Series 245	NTS-615/45G 148
NTM-51399, 109	NTP-30 145	NTS-615G 107, 148
NTM-5138/100 249	NTP-31 145	NTS-6222BZ 105, 111
NTM-5138/70 249	NTP-614B 148	NTS-6223N 105, 111
	NTP-614W107	
NTM-513B143		NTS-6224BZ 105, 111
NTM-52117	NTR-100 276	NTS-6225 105, 111
NTM-5220/35 249	NTRT-10 271	NTS-6226 105, 111
NTM-5230/35 249	NTRT-13 271	NTS-6230 110
NTM-5230/70 249	NTRT-14 271	NTS-6231CW104
NTM-5238/100 249	NTRT-15 271	NTS-6238W105
NTM-5238/70 249	NTRT-16 271	NTS-6242W 105, 111
NTM-526 143	NTRT-18 271	NTS-6243B 105, 111
NTM-52C146	NTRT-4 271	NTS-6244N 105, 111
NTM-52N148	NTRT-8 271	NTS-6245B 105, 111
NTM-53 117	NTS-22 117	NTS-6246W 105, 111
NTM-5320/35 248	NTS-22C0/2PL106	NTS-6247W105, 111
NTM-5330/35 248	NTS-22N 147	NTS-630B 89
NTM-5330/70 248	NTS-23 117	NTS-631CLIWF 89
		NTS-632W89
NTM-5338/100 248	NTS-23BZ 147	
NTM-5338/70 248	NTS-23G/2PL106	NTS-633FL89
NTM-53BZ 148	NTS-24 117, 147	NTS-634B 89
NTM-53G146	NTS-24N/2PL	NTS-635 89
NTM-54117	NTS-25 117, 147	NTS-636G 89
NTM-5420/35 248	NTS-26 117, 147	NTS-637C 89
NTM-5430/35 248	NTS-30 106, 117, 145	NTS-638C 89
NTM-5430/70 248		
	NTS-31 106, 117, 145	NTS-639DC 89
NTM-5438/100 248		
NTM-5438/100 248 NTM-5438/70 248	NTS-32 106, 117, 145	NTS-639SC 89
NTM-5438/70 248	NTS-32 106, 117, 145 NTS-33 106, 117, 145	NTS-639SC
NTM-5438/70 248 NTM-54CO	NTS-32 106, 117, 145	NTS-639SC 89
NTM-5438/70 248 NTM-54CO	NTS-32 106, 117, 145 NTS-33 106, 117, 145 NTS-35C 147	NTS-639SC .89 NTS-642 .145 NTS-643 .145
NTM-5438/70 248 NTM-54CO	NTS-32 106, 117, 145 NTS-33 106, 117, 145 NTS-35C 147 NTS-35G 101	NTS-639SC 89 NTS-642 145 NTS-643 145 NTS-644 145
NTM-5438/70 248 NTM-54CO 146 NTM-55 117 NTM-5517/50 250	NTS-32 106, 117, 145 NTS-33 106, 117, 145 NTS-35C 147 NTS-35G 101 NTS-40 101, 145	NTS-639SC 89 NTS-642 145 NTS-643 145 NTS-644 145 NTS-646 145
NTM-5438/70 248 NTM-54CO	NTS-32 106, 117, 145 NTS-33 106, 117, 145 NTS-35C 147 NTS-35G 101	NTS-639SC 89 NTS-642 145 NTS-643 145 NTS-644 145
NTM-5438/70 248 NTM-54CO 146 NTM-55 117 NTM-5517/50 250 NTM-5517/70 250	NTS-32 106, 117, 145 NTS-33 106, 117, 145 NTS-35C 147 NTS-35G 101 NTS-40 101, 145 NTS-41 101	NTS-639SC 89 NTS-642 145 NTS-643 145 NTS-644 145 NTS-646 145 NTS-650B 89
NTM-5438/70 248 NTM-5400 146 NTM-55 117 NTM-5517/50 250 NTM-5517/70 250 NTM-55BZ 146	NTS-32 106, 117, 145 NTS-33 106, 117, 145 NTS-35C 147 NTS-35G 101 NTS-40 101, 145 NTS-41 101 NTS-41C 145	NTS-639SC 89 NTS-642 145 NTS-643 145 NTS-644 145 NTS-646 145 NTS-650B 89 NTS-651C 89
NTM-5438/70 248 NTM-54CO. 146 NTM-55 117 NTM-5517/50 250 NTM-5517/70 250 NTM-55BZ 146 NTM-55T Series 244	NTS-32 106, 117, 145 NTS-33 106, 117, 145 NTS-35C 147 NTS-35G 101 NTS-40 101, 145 NTS-41 101 NTS-41 145 NTS-42 101, 145	NTS-639SC 89 NTS-642 145 NTS-643 145 NTS-644 145 NTS-646 145 NTS-650B 89 NTS-651C 89 NTS-652W 89
NTM-5438/70 248 NTM-5400 146 NTM-55 117 NTM-5517/50 250 NTM-5517/70 250 NTM-55BZ 146	NTS-32 106, 117, 145 NTS-33 106, 117, 145 NTS-35C 147 NTS-35G 101 NTS-40 101, 145 NTS-41 101 NTS-41C 145	NTS-639SC 89 NTS-642 145 NTS-643 145 NTS-644 145 NTS-646 145 NTS-650B 89 NTS-651C 89
NTM-5438/70 248 NTM-54C0 146 NTM-55 117 NTM-5517/50 250 NTM-5517/70 250 NTM-555EZ 146 NTM-55T Series 244 NTM-56 117	NTS-32	NTS-639SC 89 NTS-642 145 NTS-643 145 NTS-644 145 NTS-646 145 NTS-650B 89 NTS-651C 89 NTS-652W 89 NTS-654B 89
NTM-5438/70 248 NTM-54C0 146 NTM-55 117 NTM-5517/50 250 NTM-5517/70 250 NTM-55BZ 146 NTM-55T Series 244 NTM-56 117 NTM-5617/50 250	NTS-32	NTS-639SC 89 NTS-642 145 NTS-643 145 NTS-644 145 NTS-650B 89 NTS-651C 89 NTS-652W 89 NTS-654B 89 NTS-655B 89
NTM-5438/70 . 248 NTM-5400 . 146 NTM-55 . 117 NTM-5517/50 . 250 NTM-5517/70 . 250 NTM-5518Z . 146 NTM-551 Series . 244 NTM-56 . 117 NTM-5617/50 . 250 NTM-5617/70 . 250 NTM-5617/70 . 250	NTS-32 106, 117, 145 NTS-33 106, 117, 145 NTS-35G 147 NTS-40 101, 145 NTS-41 101 NTS-42 145 NTS-42 95 NTS-4223 95 NTS-4224 95	NTS-639SC 89 NTS-642 145 NTS-643 145 NTS-644 145 NTS-650B 89 NTS-651C 89 NTS-652W 89 NTS-654B 89 NTS-655 89 NTS-656G 89
NTM-5438/70 248 NTM-54C0 146 NTM-55 117 NTM-5517/50 250 NTM-5517/70 250 NTM-55BZ 146 NTM-55T Series 244 NTM-56 117 NTM-5617/50 250	NTS-32	NTS-639SC 89 NTS-642 145 NTS-643 145 NTS-644 145 NTS-650B 89 NTS-651C 89 NTS-652W 89 NTS-654B 89 NTS-655B 89
NTM-5438/70 248 NTM-5400 146 NTM-55 117 NTM-5517/50 250 NTM-5517/70 250 NTM-55187/70 246 NTM-5617/50 117 NTM-5617/50 250 NTM-5617/50 250 NTM-5617/70 250 NTM-5617/70 250 NTM-568G 146	NTS-32 106, 117, 145 NTS-33 106, 117, 145 NTS-35C 147 NTS-35G 101 NTS-40 101, 145 NTS-41 101 NTS-41 145 NTS-42 101, 145 NTS-422 95 NTS-4223 95 NTS-4224 95 NTS-4224 95 NTS-4225 95	NTS-639SC 89 NTS-642 145 NTS-643 145 NTS-644 145 NTS-6566 145 NTS-651C 89 NTS-652W 89 NTS-654B 89 NTS-655 89 NTS-656G 89 NTS-657C 89
NTM-5438/70 248 NTM-54C0 146 NTM-55C 117 NTM-5517/50 250 NTM-5517/70 250 NTM-55T Series 244 NTM-56 117 NTM-5617/50 250 NTM-5666 147 NTM-6617/70 250 NTM-5686 146 NTM-57 117	NTS-32	NTS-639SC 89 NTS-642 145 NTS-643 145 NTS-644 145 NTS-650B 89 NTS-651C 89 NTS-652W 89 NTS-654B 89 NTS-656 89 NTS-656C 89 NTS-657C 89 NTS-658C 89
NTM-5438/70 248 NTM-5400 146 NTM-55 117 NTM-5517/50 250 NTM-5517/70 250 NTM-558Z 146 NTM-55T Series 244 NTM-56 117 NTM-5617/50 250 NTM-5617/70 250 NTM-5617/70 250 NTM-568G 146 NTM-57 117 NTM-5717/100 250	NTS-32 106, 117, 145 NTS-33 106, 117, 145 NTS-35G 147 NTS-40 101, 145 NTS-41 101 NTS-42 101, 145 NTS-422 95 NTS-4223 95 NTS-4224 95 NTS-4225 95 NTS-4226 95 NTS-4227 95	NTS-639SC 89 NTS-642 145 NTS-643 145 NTS-644 145 NTS-646 145 NTS-650B 89 NTS-651C 89 NTS-652W 89 NTS-652W 89 NTS-654B 89 NTS-655 89 NTS-656 89 NTS-656 89 NTS-656 89 NTS-656C 89 NTS-658C 89 NTS-659DC 89
NTM-5438/70 248 NTM-54C0 146 NTM-55C 117 NTM-5517/50 250 NTM-5517/70 250 NTM-55T Series 244 NTM-56 117 NTM-5617/50 250 NTM-5666 147 NTM-6617/70 250 NTM-5686 146 NTM-57 117	NTS-32 106, 117, 145 NTS-33 106, 117, 145 NTS-35G 147 NTS-40 101, 145 NTS-41 101 NTS-42 101, 145 NTS-422 95 NTS-4223 95 NTS-4224 95 NTS-4225 95 NTS-4226 95 NTS-4227 95	NTS-639SC 89 NTS-642 145 NTS-643 145 NTS-644 145 NTS-650B 89 NTS-651C 89 NTS-652W 89 NTS-654B 89 NTS-656 89 NTS-656C 89 NTS-657C 89 NTS-658C 89
NTM-5438/70 248 NTM-5400 146 NTM-55 117 NTM-5517/50 250 NTM-5517/70 250 NTM-55182 146 NTM-56 117 NTM-5617/50 250 NTM-5617/70 250 NTM-5617/70 250 NTM-5617/70 250 NTM-5686 146 NTM-57 117 NTM-57 117 NTM-5717/100 250 NTM-5717/100 250	NTS-32 106, 117, 145 NTS-33 106, 117, 145 NTS-35C 147 NTS-35G 101 NTS-40 101, 145 NTS-41 101 NTS-41 101, 145 NTS-42 101, 145 NTS-422 95 NTS-4223 95 NTS-4224 95 NTS-4225 95 NTS-4226 95 NTS-4226 95 NTS-4227 95 NTS-4227 95 NTS-4230 95, 108	NTS-639SC 89 NTS-642 145 NTS-643 145 NTS-644 145 NTS-650B 89 NTS-651C 89 NTS-652W 89 NTS-652B 89 NTS-656G 89 NTS-657C 89 NTS-658DC 89 NTS-659DC 89 NTS-659SC 89
NTM-5438/70 248 NTM-5400 146 NTM-550 117 NTM-5517/50 250 NTM-5517/70 250 NTM-55187/70 250 NTM-55617/70 250 NTM-5617/70 250 NTM-5617/70 250 NTM-5617/70 250 NTM-5617/70 250 NTM-5617/70 250 NTM-5717/70 250 NTM-5717/70 250 NTM-5717/70 250	NTS-32 106, 117, 145 NTS-33 106, 117, 145 NTS-35C 101 NTS-40 101, 145 NTS-41 101 NTS-41 101 NTS-42 101, 145 NTS-422 95 NTS-4223 95 NTS-4224 95 NTS-4225 95 NTS-4226 95 NTS-4226 95 NTS-4227 95 NTS-4230 95, 108 NTS-4231 95, 108	NTS-639SC 89 NTS-642 145 NTS-643 145 NTS-644 145 NTS-650B 89 NTS-651C 89 NTS-652W 89 NTS-654B 89 NTS-655 89 NTS-656G 89 NTS-657C 89 NTS-658C 89 NTS-659DC 89 NTS-662C 89 NTS-662C 89
NTM-5438/70 248 NTM-5400 146 NTM-550 117 NTM-5517/50 250 NTM-5517/70 250 NTM-5517/70 250 NTM-5517/70 250 NTM-5517/70 250 NTM-5617/70 250 NTM-566 117 NTM-5617/70 250 NTM-56686 146 NTM-57 117 NTM-5717/100 250 NTM-5717/50 250 NTM-5717/70 250	NTS-32 106, 117, 145 NTS-33 106, 117, 145 NTS-35G 147 NTS-35G 101 NTS-40 101, 145 NTS-41 101 NTS-41C 145 NTS-42 101, 145 NTS-422 95 NTS-4223 95 NTS-4224 95 NTS-4225 95 NTS-4226 95 NTS-4227 95 NTS-4230 95, 108 NTS-4231 95, 108 NTS-4231 95, 108 NTS-4231 95, 108 NTS-4231 95, 108 NTS-4238 95, 108	NTS-639SC 89 NTS-642 145 NTS-643 145 NTS-644 145 NTS-646 145 NTS-650B 89 NTS-651C 89 NTS-652W 89 NTS-652W 89 NTS-654B 89 NTS-6555 89 NTS-6566 89 NTS-6566 89 NTS-657C 89 NTS-658C 89 NTS-659DC 89 NTS-659DC 89 NTS-659C 89 NTS-6662C 89 NTS-663C 89
NTM-5438/70 248 NTM-5400 146 NTM-550 117 NTM-5517/50 250 NTM-5517/70 250 NTM-55187/70 250 NTM-55617/70 250 NTM-5617/70 250 NTM-5617/70 250 NTM-5617/70 250 NTM-5617/70 250 NTM-5617/70 250 NTM-5717/70 250 NTM-5717/70 250 NTM-5717/70 250	NTS-32 106, 117, 145 NTS-33 106, 117, 145 NTS-35C 101 NTS-40 101, 145 NTS-41 101 NTS-41 101 NTS-42 101, 145 NTS-422 95 NTS-4223 95 NTS-4224 95 NTS-4225 95 NTS-4226 95 NTS-4226 95 NTS-4227 95 NTS-4230 95, 108 NTS-4231 95, 108	NTS-639SC 89 NTS-642 145 NTS-643 145 NTS-644 145 NTS-650B 89 NTS-651C 89 NTS-652W 89 NTS-654B 89 NTS-655 89 NTS-656G 89 NTS-657C 89 NTS-658C 89 NTS-659DC 89 NTS-662C 89 NTS-662C 89
NTM-5438/70 248 NTM-5400. 146 NTM-555 117 NTM-5517/50 250 NTM-5517/70 250 NTM-55BZ 146 NTM-56 117 NTM-5617/50 250 NTM-5617/70 250 NTM-5617/70 250 NTM-5617/70 250 NTM-5686 146 NTM-57 117 NTM-5717/100 250 NTM-5717/100 250 NTM-5717/70 250 NTM-570 146 NTM-57C 146 NTM-58DE/70 250	NTS-32 106, 117, 145 NTS-33 106, 117, 145 NTS-35C 147 NTS-35G 101 NTS-40 101, 145 NTS-41 101 NTS-41 101, 145 NTS-42 101, 145 NTS-422 95 NTS-4223 95 NTS-4224 95 NTS-4225 95 NTS-4226 95 NTS-4227 95 NTS-4227 95 NTS-4227 95 NTS-4230 95, 108 NTS-4231 95, 108 NTS-4231 95, 108 NTS-4233 95, 108 NTS-4233 95, 108 NTS-4233 95, 108 NTS-4235 95	NTS-639SC 89 NTS-642 145 NTS-643 145 NTS-644 145 NTS-650B 89 NTS-651C 89 NTS-652W 89 NTS-655B 89 NTS-655B 89 NTS-656C 89 NTS-658C 89 NTS-659C 89 NTS-659C 89 NTS-663C 89 NTS-663C 89 NTS-667C 101
NTM-5438/70 248 NTM-5400 146 NTM-550 117 NTM-5517/50 250 NTM-5517/70 250 NTM-55187/70 250 NTM-5617/70 250 NTM-5617/70 250 NTM-5617/70 250 NTM-5617/70 250 NTM-5617/70 250 NTM-5717/70 250 NTM-570 146 NTM-580E/70 250 NTM-570 250	NTS-32 106, 117, 145 NTS-33 106, 117, 145 NTS-35C 147 NTS-35G 101 NTS-40 101, 145 NTS-41 101 NTS-41 101, 145 NTS-42 101, 145 NTS-422 95 NTS-4223 95 NTS-4224 95 NTS-4225 95 NTS-4226 95 NTS-4227 95 NTS-4227 95 NTS-4227 95 NTS-4228 95 NTS-4228 95 NTS-4229 95 NTS-4229 95 NTS-4220 95 NTS-4221 95 NTS-4225 95 NTS-4226 95 NTS-4227 95 NTS-4228 95, 108 NTS-4231 95, 108 NTS-4231 95, 108 NTS-4238 95, 108 NTS-4238 95, 108 NTS-4255 95 NTS-4255 95 NTS-4255 95 NTS-4255 95 NTS-4255 95 NTS-4255 95	NTS-639SC 89 NTS-642 145 NTS-643 145 NTS-644 145 NTS-650B 89 NTS-651C 89 NTS-652W 89 NTS-652B 89 NTS-655B 89 NTS-656G 89 NTS-657C 89 NTS-659DC 89 NTS-659C 89 NTS-665C 89 NTS-665C 89 NTS-667C 101 NTS-714 145
NTM-5438/70 248 NTM-5400 146 NTM-5400 146 NTM-550 117 NTM-5517/50 250 NTM-5517/70 250 NTM-5517/70 250 NTM-555 Series 244 NTM-56 117 NTM-5617/50 250 NTM-5617/70 250 NTM-5686 146 NTM-57 117 NTM-5717/100 250 NTM-5717/50 250 NTM-5717/50 250 NTM-5717/50 250 NTM-5717/50 250 NTM-5717/50 250 NTM-5717/70 250 NTM-5717/70 250 NTM-5717/70 250 NTM-570 146 NTM-580E/70 250 NTM-570 250 NTM-5916/70 250	NTS-32 106, 117, 145 NTS-33 106, 117, 145 NTS-35G 147 NTS-35G 101 NTS-40 101, 145 NTS-41 101 NTS-41C 145 NTS-42 101, 145 NTS-422 95 NTS-4223 95 NTS-4224 95 NTS-4226 95 NTS-4226 95 NTS-4227 95 NTS-4227 95 NTS-4230 95, 108 NTS-4231 95, 108 NTS-4238 95, 108 NTS-4238 95, 108 NTS-4238 95, 108 NTS-4255 95 NTS-4255 95 NTS-43 101, 145 NTS-430CWF 84	NTS-639SC 89 NTS-642 145 NTS-643 145 NTS-644 145 NTS-646 145 NTS-650B 89 NTS-651C 89 NTS-652W 89 NTS-652W 89 NTS-655 89 NTS-656G 89 NTS-656G 89 NTS-657C 89 NTS-658C 89 NTS-659C 101 NTS-714 145
NTM-5438/70 248 NTM-5400 146 NTM-550 117 NTM-5517/50 250 NTM-5517/70 250 NTM-55187/70 250 NTM-5617/70 250 NTM-5617/70 250 NTM-5617/70 250 NTM-5617/70 250 NTM-5617/70 250 NTM-5717/70 250 NTM-570 146 NTM-580E/70 250 NTM-570 250	NTS-32 106, 117, 145 NTS-33 106, 117, 145 NTS-35C 147 NTS-35G 101 NTS-40 101, 145 NTS-41 101 NTS-41 101, 145 NTS-42 101, 145 NTS-422 95 NTS-4223 95 NTS-4224 95 NTS-4225 95 NTS-4226 95 NTS-4227 95 NTS-4227 95 NTS-4227 95 NTS-4228 95 NTS-4228 95 NTS-4229 95 NTS-4229 95 NTS-4220 95 NTS-4221 95 NTS-4225 95 NTS-4226 95 NTS-4227 95 NTS-4228 95, 108 NTS-4231 95, 108 NTS-4231 95, 108 NTS-4238 95, 108 NTS-4238 95, 108 NTS-4255 95 NTS-4255 95 NTS-4255 95 NTS-4255 95 NTS-4255 95 NTS-4255 95	NTS-639SC 89 NTS-642 145 NTS-643 145 NTS-644 145 NTS-650B 89 NTS-651C 89 NTS-652W 89 NTS-652B 89 NTS-655B 89 NTS-656G 89 NTS-657C 89 NTS-659DC 89 NTS-659C 89 NTS-665C 89 NTS-665C 89 NTS-667C 101 NTS-714 145
NTM-5438/70 248 NTM-5400 146 NTM-5400 146 NTM-550 117 NTM-5517/50 250 NTM-5517/70 250 NTM-5517/70 250 NTM-555 Series 244 NTM-56 117 NTM-5617/50 250 NTM-5617/70 250 NTM-5686 146 NTM-57 117 NTM-5717/100 250 NTM-5717/50 250 NTM-5717/50 250 NTM-5717/50 250 NTM-5717/50 250 NTM-5717/50 250 NTM-5717/70 250 NTM-5717/70 250 NTM-5717/70 250 NTM-570 146 NTM-580E/70 250 NTM-570 250 NTM-5916/70 250	NTS-32 106, 117, 145 NTS-33 106, 117, 145 NTS-35G 147 NTS-35G 101 NTS-40 101, 145 NTS-41 101 NTS-41C 145 NTS-42 101, 145 NTS-422 95 NTS-4223 95 NTS-4224 95 NTS-4226 95 NTS-4226 95 NTS-4227 95 NTS-4227 95 NTS-4230 95, 108 NTS-4231 95, 108 NTS-4238 95, 108 NTS-4238 95, 108 NTS-4238 95, 108 NTS-4255 95 NTS-4255 95 NTS-43 101, 145 NTS-430CWF 84	NTS-639SC 89 NTS-642 145 NTS-643 145 NTS-644 145 NTS-646 145 NTS-650B 89 NTS-651C 89 NTS-652W 89 NTS-652W 89 NTS-655 89 NTS-656G 89 NTS-656G 89 NTS-657C 89 NTS-658C 89 NTS-659C 101 NTS-714 145

NTS-731C 132	NUL-4048 325
NTS-731G 86, 114	NUL-42 325
NTS-732B 86, 114, 132	NULB-12LED9 289
NTS-733CL 86, 114, 132	NULB-24LED9 289
NTS-734B 86, 114, 132	NULB-36LED9 289
NTS-735B 86, 114, 132	NULB-48LED9 289
NTS-736C 86, 114, 132	NULB-506LED 289
NTS-737G 86, 114, 132	NULB-512LED 289
NTS-738C 86, 114, 132	NULB-524LED 289
NTS-739DC 86, 114, 132	NULB-548LED 289
NTS-739SC 86, 114, 132	NULB-6LED9 289
NTS-743W 86, 114, 132	NULS-13 324
NTS-871CLIWF 93	NULS-18 324
NTS-872CB 93	NULS-21 324
NTS-872WC93	NULS-24 324
NTS-873C 93	NULS-28 324
NTS-874C 93	NULS-8 324
NTS-875L 93	NUO-01 325
NTS-876CL 93	NUR-01 325
NTS-877CBG 93	NUSP-JBox291, 295, 303, 308,
NTS-878C 93	316, 322, 324, 327
NTS-879DC 93	NUTP10-W16CCT315
NTS-879SC 93	NUTP10-WCCT/12 315
NTS-931C 91, 115	NUTP10-WCCT/4 315
NTS-931G 133	NUTP1-16LED(color) 298
NTS-932GB 91, 115, 133	NUTP1-16LED30PS 298
NTS-933G 91, 115, 133	NUTP1-16LED9(color) 298
NTS-934C 91, 115, 133	NUTP11-W10RGBW 321
NTS-935G 91, 115, 133	NUTP11-WRGBW/12 321
NTS-936CL 91, 115, 133	NUTP11-WRGBW/6 321
NTS-938C 91, 115, 133	NUTP1-LED(color)/12 298
NTS-939DC 91, 115, 133	NUTP1-LED(color)/4 298
NTS-939SC 91, 115, 133	NUTP1-LED9(color)/12 298
NU-12L 325	NUTP1-LED9(color)/4 298
NU-1312EL 325	NUTP3-16LEDRGB 313
NU-1518EL 325	NUTP3-LEDRGB/12 313
NU-2024EL 325	NUTP3-LEDRGB/6 313
NU-21L 325	NUTP4-16LED(color) 298
NU-24L 325	NUTP4-16LED30PS 298
NU-3036EL 325	NUTP4-LED(color)/12 298
NU-32L 325	NUTP4-LED(color)/4 298
NU-4048EL 325	NUTP5-16LED(color) 306
NU-42L 325	NUTP5-LED(color)/12 306
NUA-402 292, 293	NUTP5-LED(color)/4 306
NUA-403 292, 293	NUTP5-W16LED(color) 306
NUA-404 292, 293	NUTP5-W16LED9(color) 306
NUA-405 292, 293	NUTP5-WLED(color)/12306
NUA-406 292, 293	NUTP5-WLED(color)/4306
NUA-409 293	NUTP5-WLED9(color)/12306
NUA-409BZ 293	NUTP5-WLED9(color)/4306
NUA-409W293	NUTP6-16LEDRGB 313
NUA-412 292, 293	NUTP6-LEDRGB/12313
NUA-424 292, 293	NUTP6-LEDRGB/6313
NUA-472 292, 293	NUTP7-16LED(color) 299
NUD-4408 293	NUTP7-16LED30PS 299
NUD-4412 293	NUTP7-16WLED30PS299
NUD-4418 293	NUTP7-LED(color)/12 299
NUD-4424 293	NUTP7-LED(color)/4 299
NUD-4432 293	NUTP7-W16LED(color) 299
NUD-4812 293	NUTP7-W16LED9(color) 299
NUD-4818 293	NUTP7-WLED(color)/12299
NUD-4824 293	NUTP7-WLED(color)/4299
NUD-7708 292	NUTP7-WLED9(color)/12299
NUD-7712 292	NUTP7-WLED9(color)/4299
NUD-7718 292	NUTP8-10LED(color) 307
NUD-7724 292	NUTP8-LED(color)/12 307
NUD-7732 292	NUTP8-LED(color)/4 307
NUFLED-105 294	NUTP8-W10LED(color) 307
NUFLED-107RGB 294	NUTP8-W10LED9(color) 307
NUFLED-110 294	NUTP8-WLED(color)/12307
NUFLED-115 294	NUTP8-WLED(color)/4307
NUL-12 325	NUTP8-WLED9(color)/12307
NUL-1312 325	NUTP8-WLED9(color)/4307
NUL-1518 325	NUTP9-16LED 300
	NUTP9-LED(color)/12 300
NUL-2024 325	
NUL-21 325	NUTP9-LED(color)/4 300
NUL-24 325	NX-503-LED
NUL-3036 325	NX-504-LED
NH -32	NX-603-I FD 338
NUL-32 325	NX-603-LED

NX-607-LED.							3	38
NX-810-LED.							3	39
NX-811-LED.							3	39
NX-812-LED.							3	39
NX-813-LED.								
NX-814-LED.								
NX-815-LED.							3	39
NX-822-LED.							3	39
NYLD-6C								23
NYLD-6P								23
NYLD-6S								23
NYLD-6W								23
NYLI-6C								23
NYLI-6P								23
NYLI-6S								23
NYLI-6W								23
NYLS-6C								23
NYLS-6P								23
NYLS-6S								23
NYLS-6W								23
QI5MR16/6 .							3	44
QU50MR16EX	N	/(S	١.			2	77
TS-653FL								89

Product lines Identification



Easily locate products by color codes.



6505 Gayhart St. Commerce, CA 90040 Tel: (800) 686-6672 Fax: (800) 500-9955 E-mail: nora@noralighting.com

www.noralighting.com

DOMESTIC FACILITIES:

Charlotte, NC Cincinnati, OH Cleveland, OH Dallas, TX Detroit, MI Los Angeles, CA Louisville, KY Nashville, TN New York, NY Philadelphia, PA Syracuse, NY Tampa, FL

INTERNATIONAL SALES:

6505 Gayhart St. Commerce, CA 90040 Tel: (323) 767-2600 Fax: (323) 722-3677

The products shown in this catalog are covered by USA and International patents. Specifications subject to change without notice.

© Copyright 2016 Nora Lighting, Inc. All rights reserved.

















