FFLED26/PC2

RAB

Project:		Type:	
Prepared By:		**Date:**	

Driver Info

		### LED Info	
Type:	Constant Current	Watts:	26W
120V:	0.24A	Color Temp:	5000K
208V:	0.15A	Color Accuracy:	71 CRI
240V:	0.13A	L70 Lifespan:	100000
277V:	0.11A	Lumens:	4131
Input Watts:	29W	Efficacy:	142 LPW
Efficiency:	89%		

Rectangular shaped LED floodlight designed to replace 100W Metal Halide. Patent Pending airflow technology ensures long LED and driver lifespan. Use for building facade lighting, sign lighting, LED landscape lighting and instant-on security lighting.

Color: Bronze   Weight: 12.5 lbs

Technical Specifications

Electrical

Photocell:

277V Button Photocell Included. Photocell is compatible with 208V-277V.

THD:

8.2% at 120V, 17.7% at 277V

Power Factor:

99.1% at 120V, 90.7% at 277V

Driver:

Constant Current, Class 2, 100-277V, 50/60 Hz, 6 kV surge protection, 120V: 0.24A, 208V: 0.15A, 240V: 0.13A, 277V: 0.11A.

Listings

DLC Listed:

This product is listed by Design Lights Consortium (DLC) as an ultra-efficient premium product that qualifies for the highest tier of rebates from DLC Member Utilities.
DLC Product Code: PAXKT39NP

UL Listing:

Suitable For Wet Locations. Suitable for mounting within 1.2M(4FT) of the ground.

IESNA LM-79 & LM-80 Testing:

RAB LED luminaires have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80, and have received the Department of Energy "Lighting Facts" label

LED Characteristics

Lifespan:

100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations

LEDs:

Multi-chip 26W high output long life LED

Color Consistency:

7-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color

Color Stability:

LED color temperature is warrantied to shift no more than 200K in CCT over a 5 year period

Color Uniformity:

RAB's range of CCT (Correlated Color Temperature) follows the guidelines of the American National Standard for (SSL) Products, ANSI C78.377-2017.

Construction

IP Rating:

Ingress Protection rating of IP66 for dust and water

Ambient Temperature:

SuitableFor use in 40°C (104°F) ambient temperatures

Cold Weather Starting:

Minimum starting temperature is -40°C (-40°F)

Thermal Management Housing:

Superior heat sinking with external Air-Flow fins

Housing:

Die-cast aluminum housing, lens frame and mounting arm

Threaded Size:

1/2" threaded arm

Mounting:

Heavy-duty mounting arm with "O" ring seal & stainless steel screw

Effective Projected Area:

EPA = 0.65

Reflector:

Specular polycarbonate

Gaskets:

High-temperature silicone gaskets

Finish:

Formulated for high-durability and long lasting color

Green Technology:

Mercury and UV-free. RoHS compliant components. Polyester powder coat finish formulated without the use of VOCs or toxic heavy metals.

Optical

NEMA Type:
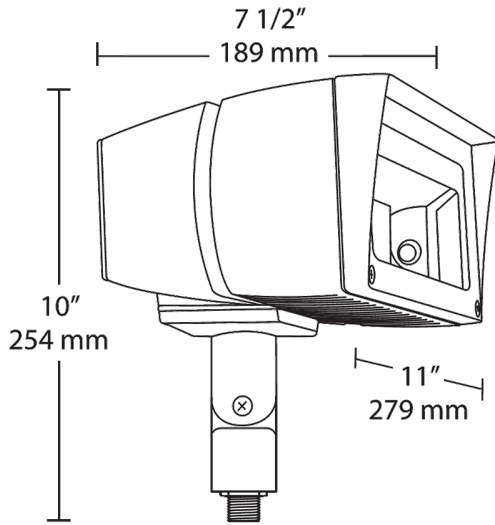
NEMA Beam Spread of 7H x 6V

Other

Warranty:

RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish.

Technical Specifications (continued)

Other

Patents:

The FFLED design is protected by U.S. Pat. D643,147, Canada Pat. 140798, China Pat. ZL201130171304.1, Mexico Pat. 36757 and pending patent in Taiwan.

Equivalency:

Equivalent to 100W Metal Halide

Buy American Act Compliance:

RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.

Dimensions

7 1/2"
189 mm

10"
254 mm

11"
279 mm

Features

Ultra efficient LED and optical design

Replaces 100W MH floodlights

100,000 hour life based on LM-80 tests

Air-flow technology heatsink

5-Year, No-Compromise Warranty

Ordering Matrix

Family	Wattage	Mounting	Color Temp	NEMA Type	Finish	Driver	Photocell Options
FFLED	26						/PC2
	80 = 80W	**Blank** = Swivel Arm	**Blank** = 5000K (Cool)	**Blank** = 7H x 6V	**Blank** = Bronze	**Blank** = On/Off	**Blank** = No Option
	52 = 52W	**SF** = Slipfitter	**N** = 4000K (Neutral)	**B55** = 5H x 5V	**W** = White	**/D10** = 0-10V Dimming	**/PC** = 120V Photocell
	39 = 39W	**T** = Trunnion	**Y** = 3000K (Warm)	**B44** = 4H x 4V		**/480** = 480V On/Off (not available for 80W models)	**/PC2** = 277V Photocell
	26 = 26W						**/PCS** = 120V Swivel Photocell
							/PCS2 = 277V Swivel Photocell
							/PCS4 = 480V Swivel Photocell

Need help? Tech help line: **(888) RAB-1000** Email: **sales@rabweb.com** Website: **www.rabweb.com**

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