# WPLED26W/PC

**RAB** LIGHTING

| Project: | Type: |
|---|---|
| Prepared By: | Date: |

**Driver Info**

| | | **LED Info** | |
|---|---|---|---|
| Type: | Constant Current | Watts: | 26W |
| 120V: | 0.26A | Color Temp: | 5000K (Cool) |
| 208V: | N/A | Color Accuracy: | 70 CRI |
| 240V: | N/A | L70 Lifespan: | 100,000 |
| 277V: | N/A | Lumens: | 2,662 |
| Input Watts: | 30W | Efficacy: | 90 LPW |
| Efficiency: | 88% | | |

LED 26W Wallpacks. Patent Pending thermal management system. 100,000 hour L70 lifespan. 5 Year Warranty.

Color: White                    Weight: 7.5 lbs

## Technical Specifications

### Other

**WPLED26 with Photocell:**

120V Button Photocell Included. Photocell is only compatible with 120V.

**California Title 24:**

WPLED26/PC complies with 2013 California Title 24 building and electrical codes as a commercial outdoor non-pole-mounted fixture < 30 Watts.

**Equivalency:**

The WPLED26 is Equivalent in delivered lumens to a 175W Metal Halide Wallpack.

**HID Replacement Range:**

The WPLED26 can be used to replace 150 - 200W Metal Halide Wallpacks based on delivered lumens.

**Patents:**

The WPLED design is protected by U.S. Pat. D634878, Canada Pat 134878, China Pat. CN301649064S.

**Country of Origin:**

Designed by RAB in New Jersey and assembled in the USA by RAB's IBEW Local 3 workers.

**Buy American Act Compliant:**

This product is a COTS item manufactured in the United States, and is compliant with the Buy American Act.

**Recovery Act (ARRA) Compliant:**

This product complies with the 52.225-21 "Required Use of American Iron, Steel, and Manufactured Goods-- Buy American Act-- Construction Materials (October 2010).

**Trade Agreements Act Compliant:**

This product is a COTS item manufactured in the United States, and is compliant with the Trade Agreements Act.

**GSA Schedule:**

Suitable in accordance with FAR Subpart 25.4.

### Listings

**UL Listing:**

Suitable for wet locations. Suitable for mounting within 1.2m (4ft) of the ground.

**DLC Listed:**

This product is on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities.

**Dark Sky Approved:**

The International Dark Sky Association has approved this product as a full cutoff, fully shielded luminaire.

### LED Characteristics

**Lifespan:**

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

**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 Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2015.

### Construction

**IP Rating:**

Ingress Protection rating of IP66 for dust and water.

**Finish:**

Our environmentally friendly polyester powder coatings are formulated for high-durability and long-lasting color, and contains no VOC or toxic heavy metals.

**Ambient Temperature:**

Suitable for use in 40°C ambient temperatures.

**Cold Weather Starting:**

The minimum starting temperature is -40°C.

**Thermal Management:**

Cast aluminum Thermal Management system for optimal heat sinking. The LPACK is designed for cool operation, most efficient output and maximum LED life by minimizing LED junction temperature.

**Green Technology:**

RAB LEDs are Mercury, Arsenic and UV free.

**For use on LEED Buildings:**

IDA Dark Sky Approval means that this fixture can be used to achieve LEED Credits for Light Pollution Reduction.

### Electrical

**Driver:**

Multi-chip 26W high output long life LED Driver Constant Current, 720mA, Class 2, 6kV Surge Protection, 100V-277V, 50-60 Hz, 100-240V.4 Amps.
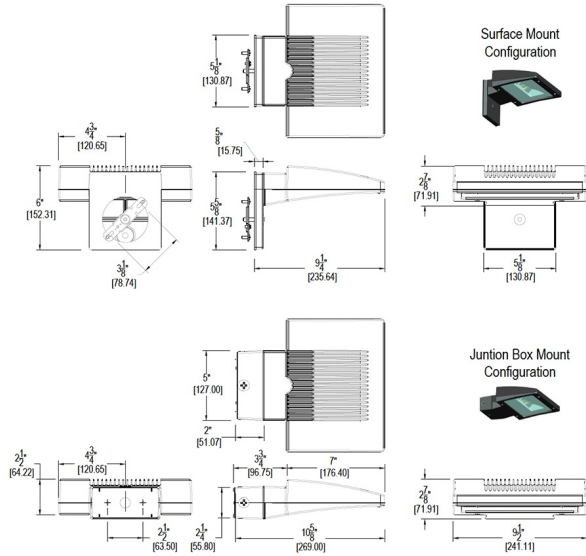
**THD:**

7.5% at 120V, 11% at 277V

## Technical Specifications (continued)

### Optical

**BUG Rating:**

B1 U0 G0

### Dimensions



Surface Mount Configuration

Juntion Box Mount Configuration

### Features

High performance LED light engine

Maintains 70% of initial lumens at 100,000 hours

Weatherproof high temperature silicone gaskets

Superior heat sinking with die cast aluminum housing and external fins

100 up to 277 Volts

5-year warranty

### Ordering Matrix

| Family | Watts | Color Temp | Sensor | Surface Plate | Finish | Photocell | Dimming |
|---|---|---|---|---|---|---|---|
| WPLED | | | | | | | |
| | **26** = 26W | = Cool | = No Sensor | = No Surface Plate | = Bronze | = No Photocell | = No Dimming |
| | | **Y** = Warm | **MS** = Mini Sensor | **S** = Surface Plate | **W** = White | **/PC** = 120V Button | **/D10** = Dimmable |
| | | **N** = Neutral | | | | **/PCS** = 120V Swivel | |
| | | | | | | **/PC2** = 277V Button | |