



LED 10W & 13 Wallpacks. Patent Pending thermal management system. 100,000 hour L70 lifespan. 5 Year Warranty.

Color: Bronze

Weight: 3.3 lbs

**Project:**

**Type:**

**Prepared By:**

**Date:**

#### Driver Info

Type: Constant Current  
 120V: 0.13A  
 208V: 0.08A  
 240V: 0.07A  
 277V: 0.06A  
 Input Watts: 15W  
 Efficiency: 87%

#### LED Info

Watts: 13W  
 Color Temp: 4000K  
 Color Accuracy: 86 CRI  
 L70 Lifespan: 100000  
 Lumens: 673  
 Efficacy: 45 LPW

## Technical Specifications

### Listings

#### UL Listing:

Suitable for Wet Locations as a Downlight. Suitable for Damp Locations as an Uplight. Wall Mount only. Suitable for Mounting within 4ft. of ground.

#### Dark Sky Approved:

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

#### IESNA LM-79 & IESNA LM-80 Testing:

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

### Optical

#### Lumen Maintenance:

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

#### Fixture Efficacy:

44.6 Lumens per Watt

#### Lumen Maintenance:

The LED will deliver 70% of its initial lumens at 100,000 hours of operation.

#### BUG Rating:

B1 U0 G0

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### Construction

#### Cold Weather Starting:

The minimum starting temperature is -40°C/-40°F

#### Maximum Ambient Temperature:

Suitable for use in 55°C (131°F) ambient temperatures.

#### Finish:

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

#### Green Technology:

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

#### For use on LEED Buildings:

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

#### Gaskets:

High Temperature Silicone.

### Electrical

#### Driver:

Multi-chip 13W high output long life LED Driver Constant Current, Class 2 100V - 277V, 50/60 Hz.

#### Surge Protection:

4kV

### LED Characteristics

#### Color Temperature (Nominal CCT):

4000K

#### Color Accuracy:

86 CRI

#### Color Consistency:

3-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color.

#### Color Stability:

LED color temperature is warranted 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 C78.377-2011.

### Other

#### Patents:

The design of the LPACK is protected by U.S. Pat. D604,004 and patents pending in Canada, China and Taiwan.

#### California Title 24:

See WPLED13/PC for a 2013 California Title 24 compliant model.

#### 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.

#### Equivalency:

The WPLED13 is Equivalent in delivered lumens to a 100W Metal Halide Wallpack.

#### HID Replacement Range:

The WPLED13 can be used to replace 70-150W Metal Halide Wallpacks based on delivered lumens.

**Technical Specifications (continued)**

**Other**

**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).

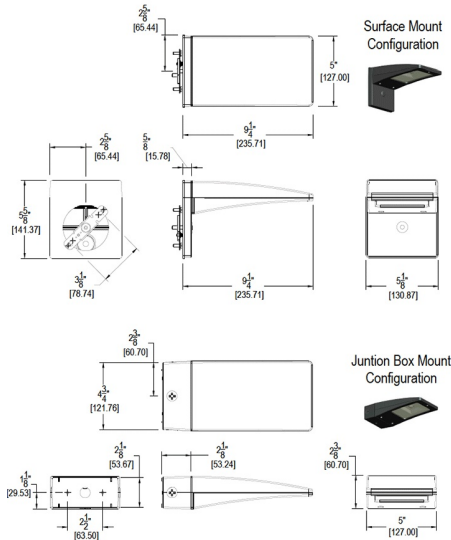
**Trade Agreements Act Compliant:**

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.

**Dimensions**



**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
- 5-year warranty

**Ordering Matrix**

Family	Watts	Color Temp	Sensor	Surface Plate	Surface Place	Finish	Photocell
WPLED	10 = 10W 13 = 13W	Blank = 5000K (Cool) Y = 3000K (Warm) N = 4000K (Neutral)	Blank = No Sensor MS = Mini Sensor	Blank = No Surface Plate	S = Surface Plate	Blank = Bronze W = White	Blank = No Photocell /PC = 120V Button /PCS = 120V Swivel /PC2 = 277V Button