

WPLED10MSW



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

Color: White                      Weight: 3.8 lbs

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

| Driver Info  |                  | LED Info        |        |
|--------------|------------------|-----------------|--------|
| Type:        | Constant Current | Watts:          | 10W    |
| 120V:        | 0.1A             | Color Temp:     | 5000K  |
| 208V:        | N/A              | Color Accuracy: | 69 CRI |
| 240V:        | N/A              | L70 Lifespan:   | 100000 |
| 277V:        | N/A              | Lumens:         | 1,063  |
| Input Watts: | 12W              | Efficacy:       | 90 LPW |
| Efficiency:  | 85%              |                 |        |

## 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.

### 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 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

#### Finish:

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

#### Cold Weather Starting:

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

#### Maximum Ambient Temperature:

Suitable for use in 40°C (104°F) ambient temperatures

#### 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.

#### Housing:

Precision die cast aluminum housing, lens frame.

#### Mounting:

Junction box.

#### 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 10W high output long life LED Driver Constant Current, Class II, 120V-240V, 50/60/ Hz, 350mA.

### Optical

#### Lumen Maintenance:

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

### Other

#### California Title 24:

See WPLED10/PC for a 2013 California Title 24 compliant model.

#### Patents:

The LPACK design is protected under patents in the U.S. Pat. D608,040, Canada Pat. 130,243, China Pat. 200930183252.2, and pending patents in Taiwan and Mexico.

#### 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.

#### 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.

#### Equivalency:

The WPLED10 is Equivalent in delivered lumens to a 70W Metal Halide Wallpack.

## Technical Specifications (continued)

### Other

#### HID Replacement Range:

The WPLED10 can be used to replace 35-100W Metal Halide Wallpacks based on delivered lumens.

### 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 | Blank = 5000K (Cool) | Blank = No Sensor | Blank = No Surface Plate | S = Surface Plate | Blank = Bronze | Blank = No Photocell |
|        | 13 = 13W | Y = 3000K (Warm)     | MS = Mini Sensor  |                          |                   | W = White      | /PC = 120V Button    |
|        |          | N = 4000K (Neutral)  |                   |                          |                   |                | /PCS = 120V Swivel   |
|        |          |                      |                   |                          |                   |                | /PC2 = 277V Button   |