

# 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

Type:	Constant Current
120V:	0.21A
208V:	N/A
240V:	N/A
277V:	N/A
Input Watts:	13W
Efficiency:	76%

### LED Info

Watts:	10W
Color Temp:	5000K (Cool)
Color Accuracy:	92 CRI
L70 Lifespan:	100,000
Lumens:	548
Efficacy:	42 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.

### 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 C78.377-2008.

### 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°F/-40°C.

#### 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:

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.

#### 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 23 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 13 = 13W	Blank = Cool Y = Warm N = 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