



Ultra-high efficiency LED 18 Watt wallpack. Patent Pending thermal management system. 100,000 hour L70 lifespan. 5 Year Warranty.

Color: Bronze

Weight: 7.5 lbs

|                     |              |
|---------------------|--------------|
| <b>Project:</b>     | <b>Type:</b> |
| <b>Prepared By:</b> | <b>Date:</b> |

| Driver Info  |                  | LED Info        |              |
|--------------|------------------|-----------------|--------------|
| Type:        | Constant Current | Watts:          | 18W          |
| 120V:        | N/A              | Color Temp:     | 3000K (Warm) |
| 208V:        | 0.11A            | Color Accuracy: | 83 CRI       |
| 240V:        | 0.09A            | L70 Lifespan:   | 100,000      |
| 277V:        | 0.08A            | Lumens:         | 1,625        |
| Input Watts: | 20W              | Efficacy:       | 81 LPW       |
| Efficiency:  | 90%              |                 |              |

## Technical Specifications

### Other

#### WPLED18 with Photocell:

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

#### California Title 24:

WPLED18/PC2 complies with 2013 California Title 24 building and electrical codes as a commercial outdoor non-pole-mounted fixture < 30 Watts.

#### For Use on LEED Buildings:

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

#### Patents:

The design of WPLED18 is protected by US patent D608,040, Canada patent 138280, and China patent CN301649064S.

#### 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.

#### 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.

##### 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.

##### Dark Sky Approved:

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

##### DLC Listed:

This product is on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities.  
DLC Product Code: P0000175J

#### LED Characteristics

##### Lifespan:

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

##### LED:

Multi-chip, high-output, long-life LED

##### 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.

#### Electrical

##### Driver:

Constant Current, Class 2, 100-277V, 50/60 Hz, 4 kV surge protection, 500mA, 100-240VAC: 0.3-0.15A, 277VAC: 0.15A, Power Factor: 99%

##### THD:

9.8% at 120V

#### Construction

##### Ambient Temperature:

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

##### Cold Weather Starting:

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

##### Thermal Management:

Superior heat sinking with external Air-Flow fins

##### Finish:

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

##### Reflector:

Semi-specular, vacuum-metalized polycarbonate

## Technical Specifications (continued)

### Construction

#### Gaskets:

High-temperature silicone gaskets

#### Housing:

Die-cast aluminum housing, lens frame and mounting arm

### Mounting:

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

### Green Technology:

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

### Optical

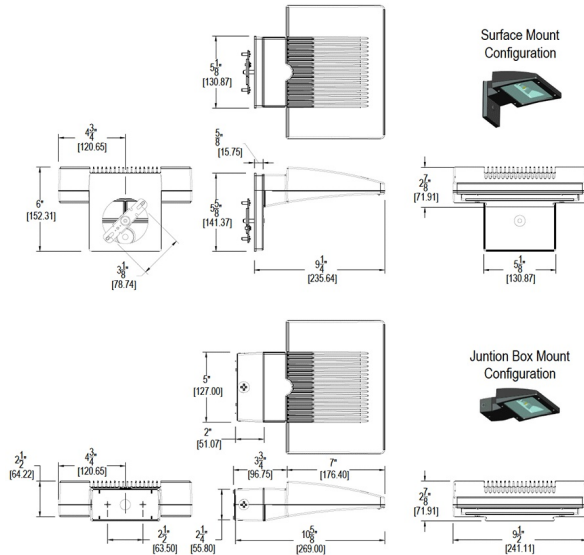
#### Replacement:

The WPLED18 replaces 150W Metal Halide Wallpacks.

#### BUG Rating:

B1 U0 G0

## Dimensions



## Features

Ultra-high efficiency LED 18 Watt wallpack

Replaces 150W Metal Halide Wallpacks

100,00-Hour LED Lifespan

5-Year Warranty

## Ordering Matrix

| Family | Watts    | Color Temp                        | Finish                | Photocell   |
|--------|----------|-----------------------------------|-----------------------|---|
| WPLED  | 18 = 18W | = Cool<br>Y = Warm<br>N = Neutral | = Bronze<br>W = White | = No Photocell<br>/PC = 120V Button<br>/PC2 = 277V Button |