

# WPLED18

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

Color: Bronze

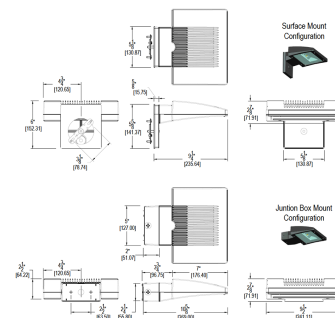
Weight: 7.5 lbs

## LED Info

Watts: 18W  
 Color Temp: 5000K (Cool)  
 Color Accuracy: 66  
 L70 Lifespan: 100000  
 LM79 Lumens: 2,044  
 Efficacy: 103 LPW

## Driver Info

Type: Constant Current  
 120V: 0.17A  
 208V: 0.11A  
 240V: 0.09A  
 277V: 0.08A  
 Input Watts: 20W  
 Efficiency: 91%



## Technical Specifications

### UL Listing:

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

### Lifespan:

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

### LED:

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

### 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:

10.3% at 120V

### 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

### Color Consistency:

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

### 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

### Gaskets:

High-temperature silicone gaskets

### 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 C78.377-2011.

### 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.

### Replacement:

The WPLED18 replaces 150W Metal Halide Wallpacks.

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

RAB LED luminaries 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.



WPLED18 - continued

**California Title 24:**

WPLED18 with available photocell options comply with 2013 California Title 24 building and electrical codes as a commercial outdoor non-pole-mounted fixture &#8804; 30 Watts. Add /PC, /PC2, /PCS or /PCS2 to RAB catalog number to add a photocell.

**Dark Sky Approved:**

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

**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.

**DLC Listed:**

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

**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 Taiwan.

**Trade Agreements Act Compliant:**

This product is a product of Taiwan and a "designated country" end product that complies with the Trade Agreements Act.

**GSA Schedule:**

Suitable in accordance with FAR Subpart 25.4.

