



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

**Project:**

**Type:**

**Prepared By:**

**Date:**

### Driver Info

Type: Constant Current  
 120V: 0.17A  
 208V: N/A  
 240V: N/A  
 277V: N/A  
 Input Watts: 20W  
 Efficiency: 91%

### LED Info

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

## Technical Specifications

### Electrical

#### Photocell:

120V Button Photocell Included. Photocell is only compatible with 120V.

#### 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

### 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: P00001751

### 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:

7-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.

### Construction

#### Maximum Ambient Temperature:

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

#### Cold Weather Starting:

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

#### 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

#### 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. RoHS compliant components. 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

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B1 U0 G0

### Other

#### California Title 24:

WPLED18/PC 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.

