# WPLED18NW/PC2





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

Color: White Weight: 7.5 lbs

| Project:     | Туре: |
|--------------|-------|
| Prepared By: | Date: |

| Driver Info  |                  | LED Info        |        |
|--------------|------------------|-----------------|--------|
| Type:        | Constant Current | Watts:          | 18W    |
| 120V:        | N/A              | Color Temp:     | 4000K  |
| 208V:        | 0.11A            | Color Accuracy: | 84 CRI |
| 240V:        | 0.09A            | L70 Lifespan:   | 100000 |
| 277V:        | 0.08A            | Lumens:         | 1,655  |
| Input Watts: | 20W              | Efficacy:       | 84 LPW |
| Efficiency:  | 91%              |                 |        |
|              |                  |                 |        |
|              |                  |                 |        |

### **Technical Specifications**

#### **Electrical**

### Photocell:

277V Button Photocell Included. Photocell is compatible with \_\_208V-277V.

#### 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

### 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 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.

### 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: P0000175K

## **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 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.

### 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

#### 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/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.



# **Technical Specifications (continued)**

### Other

#### 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.

#### **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:

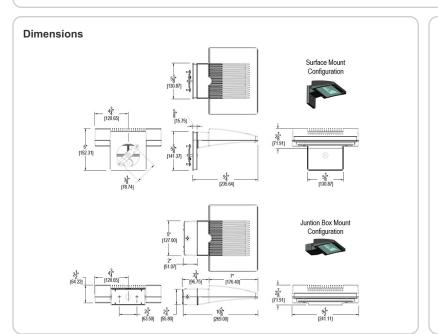
This product complies with the 52.225-21 "Required Use of American Iron, Steel, and Manufactured Goods-- Buy American Act-- Construction Materials (October 2010).

#### **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.



# 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           |                 |   |                             |   |
|                 | <b>18</b> = 18W | Blank = 5000K (Cool) Y = 3000K (Warm) N = 4000K (Neutral) | Blank = Bronze<br>W = White | Blank = No Photocell /PC = 120V Button /PC2 = 277V Button |