

# WPLEDC80W/BL

LED 80W Wallpacks. 3 cutoff options. Patent Pending thermal management system. 100,000 hour L70 lifespan. 5 Year Warranty.

Color: White

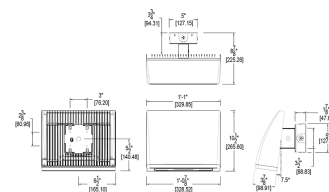
Weight: 17.6 lbs

## LED Info

Watts: 80W  
 Color Temp: 5000K (Cool)  
 Color Accuracy: 67  
 L70 Lifespan: 100000  
 LM79 Lumens: 8120  
 Efficacy: 100 LPW

## Driver Info

Type: Constant Current  
 120V: 0.71A  
 208V: 0.41A  
 240V: 0.36A  
 277V: 0.31A  
 Input Watts: 81W  
 Efficiency: 99%



## Technical Specifications

### WPLEDC80 with Bi-Level Operation:

Allows 50% and 100% output modes.

### UL Listing:

Suitable for wet locations..

### LEDs:

Two (2) multi-chip, high-output, long-life LEDs.

### Lifespan:

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

### Driver:

Two drivers, Class 2, 1050mA, 120-277V, 50-60Hz, 0.8A, Power Factor 95%

### THD:

4.3% at 120V, 12.4% at 277V

### Cold Weather Starting:

Minimum starting temperature is -40°F / -40°C.

### Inrush Current:

331.4A

### Inrush Current Duration:

300µs

### Ambient Temperature:

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

### Surge Protection:

4kV

### Thermal Management:

Superior thermal management with external Air-Flow fins.

### Housing:

Precision die cast aluminum housing, lens frame.

### Mounting:

Die-cast aluminum wall bracket with (5) 1/2" conduit openings with plugs. Two-piece bracket with tether for ease of installation and wiring.

### Arm:

Die-cast aluminum with wiring access plate.

### Cutoff:

Cutoff (7.5°)

### Lens:

Tempered glass.

### Reflector:

Specular vacuum metallized polycarbonate.

### Gaskets:

High-temperature silicone gaskets, including a wiring plug gasket, seal out moisture.

### Finish:

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

### 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.

### Replacement:

WPLED80 replaces up to 400W MH.



**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.

**Green Technology:**

Mercury and UV free, and RoHS compliant.

**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.

**California Title 24:**

WPLEDC80/BL with bi-level operation complies with 2013 California Title 24 building and electrical codes as a commercial outdoor pole-mounted fixture > 30 Watts mounted up to 24 feet when used with a RAB photo/motion control. Select a photo/motion control using catalog number STL110, STL200 or STL360. Mounting heights greater than 24 feet require only a photocell. See WPLEDC80/PCS or WPLEDC80/PCS2 (277V) for photocell versions.

**Patents:**

The WPLED design is protected by patents in the U.S. Pat D653,377, Canada Pat. 142252, China Pat. ZL201130356930.8, and Mexico Pat. 36921 and pending patent in TW.

**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.

**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.