

WPLEDFC80N/BL

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

Color: Bronze

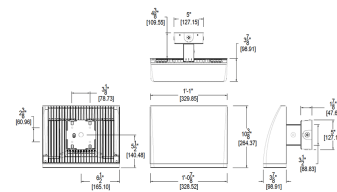
Weight: 17.6 lbs

LED Info

Watts: 80W
 Color Temp: 4000K (Neutral)
 Color Accuracy: 82
 L70 Lifespan: 100000
 LM79 Lumens: 6723
 Efficacy: 82 LPW

Driver Info

Type: Constant Current
 120V: 0.71A
 208V: 0.41A
 240V: 0.36A
 277V: 0.31A
 Input Watts: 82W
 Efficiency: 98%



Technical Specifications

WPLEDFC80 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.

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.

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:

4.4% at 120V, 13.2% 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:

Full cutoff (0°)

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.

WPLEDFC80N/BL - continued

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.

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:

WPLEDFC80/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 WPLEDFC80/PCS or WPLEDFC80/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.

