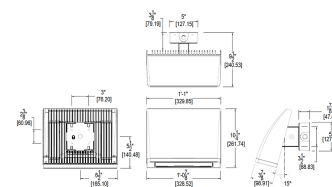# WPLED80/480

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: | 5000K (Cool) |
| Color Accuracy: | 67 |
| L70 Lifespan: | 100000 |
| LM79 Lumens: | 8114 |
| Efficacy: | 100 LPW |

## Driver Info

| | |
|---|---|
| Type: | Constant Current |
| 120V: | N/A |
| 208V: | N/A |
| 240V: | N/A |
| 277V: | N/A |
| Input Watts: | 81W |
| Efficiency: | 99% |

## Technical Specifications

**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:**
Constant Current, Class 2, 2000mA, 100-277V, 50-60Hz, 1.1A, Power Factor 99%

**Cold Weather Starting:**
Minimum starting temperature is -40°F / -40°C.

**Inrush Current:**
177.1A

**Inrush Current Duration:**
3μs

**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:**
Standard (15°)

**Ballast Volts:**
480V.

**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 warrantied 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.

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**Tech Help Line:** 888 RAB-1000     **Email:** sales@rabweb.com     **On the web at:** www.rabweb.com
Note: Specifications are subject to change without notice                                    Page 1 of 2

**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:**
See WPLED80/BL for a 2013 California Title 24
compliant product. Any additional component
requirements will be listed in the Title 24 section under
technical specifications on the product page.

**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..

**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 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.