



LED 80W Wall packs. 3 cutoff options. patent-pending thermal management system. 100,000 hour L70 lifespan. 5-year, no-compromise warranty.

Color: Bronze

Weight: 17.6 lbs

Project:

Type:

Prepared By:

Date:

#### Driver Info

Type	Constant Current	Watts	80W
120V	0.71A	Color Temp	5000K (Cool)
208V	0.41A	Color Accuracy	72 CRI
240V	0.36A	L70 Lifespan	100,000 Hours
277V	0.31A	Lumens	10,043
Input Watts		Efficacy	120 lm/W

#### LED Info

## Technical Specifications

### Other

#### WPLEDFC80 with Bi-Level Operation:

Allows 50% and 100% output modes

#### Equivalency:

Replaces 320W Metal Halide

#### 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. RAB's warranty is subject to all terms and conditions found at [rablighting.com/warranty](http://rablighting.com/warranty).

#### Replacement:

Replaces up to 400W Metal Halide

### Buy American Act Compliance:

RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.

### Compliance

#### UL Listed:

Suitable for wet locations

#### IESNA LM-79 & LM-80 Testing:

RAB LED luminaires and LED components have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80.

#### 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: PB9A40UW

### LED Characteristics

#### LEDs:

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

### 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 color temperature over a 5-year period

### Color Uniformity:

RAB's range of 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.

### Performance

#### Lifespan:

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

**Technical Specifications (continued)****Construction****Cold Weather Starting:**

The minimum starting temperature is -40°C (-40°F)

**Maximum Ambient Temperature:**

Suitable for use in up to 40°C (104°F)

**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:**

Formulated for high durability and long-lasting color

**Green Technology:**

Mercury and UV free. RoHS-compliant components.

**IP Rating:**

Ingress protection rating of IP66 for dust and water

**Electrical****Driver:**

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

**THD:**

6.39% at 120V, 10.26% at 277V

**Power Factor:**

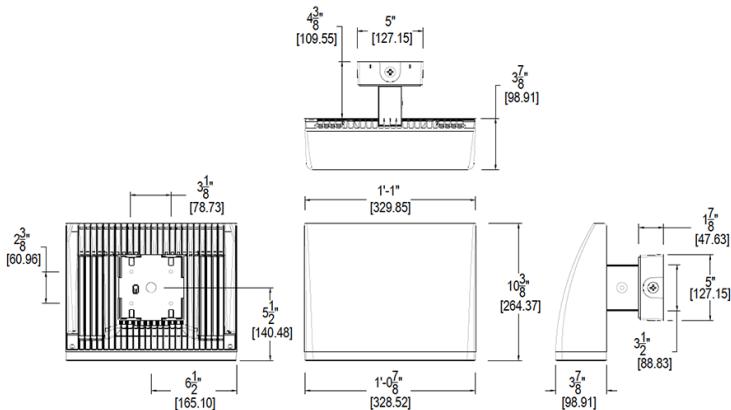
99.5% at 120V, 93.5% at 277V

**Surge Protection:**

4kV

**Optical****BUG Rating:**

B2 U0 G1

**Dimensions****Features**

High performance LED light engine

Maintains 70% of initial lumens at 100,000-hours

Weatherproof high temperature silicone gaskets

Superior heat sinking with die cast aluminum housing and external fins

Traditional wall pack look from the front

3 cutoff options

5-Year, No-Compromise Warranty

**Ordering Matrix**

Family	Cutoff	Wattage	Color Temp	Finish	Driver Options	Options	Other Options
WPLED	FC	80			/BL		
	<b>Blank</b> = Standard (15 degrees) <b>C</b> = Cutoff (7.5 degrees) <b>FC</b> = Full Cutoff (0 degrees)	<b>52</b> = 52W <b>80</b> = 80W	<b>Blank</b> = 5000K Cool <b>N</b> = 4000K Neutral <b>Y</b> = 3000K Warm	<b>Blank</b> = Bronze <b>W</b> = White	<b>Blank</b> = 120-277V <b>/480</b> = 480V <b>/BL</b> = Bi-Level <b>/D10</b> = 0-10V Dimming	<b>Blank</b> = No Option <b>/PCS</b> = 120V Swivel Photocell <b>/PCS2</b> = 277V Swivel Photocell <b>/PCS4</b> = 480V Swivel Photocell <b>/LC</b> = Lightcloud® Controller	<b>Blank</b> = Standard <b>USA</b> = BAA Compliant