



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:	Туре:
Prepared By:	Date:

Driver Info		LED Info		
Туре	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	9,815	
Input Watts	84.35W	Efficacy	116.4 lm/W	

# **Technical Specifications**

# Compliance

#### **UL Listed:**

UL Suitable for Wet Locations as Uplight and Downlight Wall Mount Only

## 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: PEFT6ZSR

## **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 5year 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

## Construction

# **Cold Weather Starting:**

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



# **Technical Specifications (continued)**

#### Construction

#### **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

#### Einich

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:**

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

#### THD:

10.17% at 120V, 10.38% at 277V

## **Power Factor:**

99.6% at 120V, 93.4% at 277V

### **Surge Protection:**

4kV

## **Other**

## **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.

## Replacement:

Replaces up to 250W Metal Halide

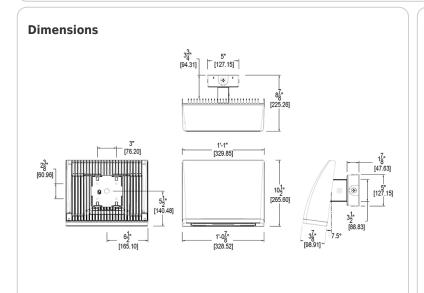
# **Buy American Act Compliance:**

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.

# **Optical**

## **BUG Rating:**

B1 U1 G2



# **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



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