WPLED80N USA

RAB LIGHTING

Project:		Type:	
Prepared By:		**Date:**	

Driver Info

Type:	Constant Current
120V:	0.71A
208V:	0.41A
240V:	0.36A
277V:	0.31A
Input Watts:	83W
Efficiency:	96%

LED Info

Watts:	80W
Color Temp:	4000K
Color Accuracy:	72 CRI
L70 Lifespan:	100000
Lumens:	9588
Efficacy:	115 LPW

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

Color: Bronze   Weight: 18.5 lbs

Technical Specifications

Listings

UL Listing:

Suitable for wet locations.

DLC Listed:

This product is listed by Design Lights Consortium (DLC) as an ultra-efficient premium product that qualifies for the highest tier of rebates from DLC Member Utilities.
DLC Product Code: PV5CMVG8

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.

LED Characteristics

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.

Color Consistency:

3-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.

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.

Electrical

Driver:

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

Surge Protection:

4kV

Construction

Cold Weather Starting:

Minimum starting temperature is -40°C (-40°F)

Maximum Ambient Temperature:

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

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°)

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. Polyester powder coat finish formulated without the use of VOC or toxic heavy metals.

IP Rating:

Ingress Protection rating of IP66 for dust and water

Other

Replacement:

Replaces up to 400W 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.

Technical Specifications (continued)

Other

FTC Country of Origin:

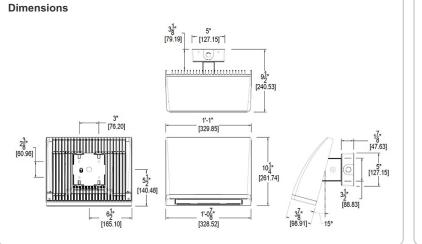This product was assembled in the USA by RAB using imported components.

Buy American Act Compliance:

This product complies with the Buy American Act.

Optical

BUG Rating:

B1 U2 G3

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 wallpack look from the front
- 3 cutoff options
- 5-year warranty

Ordering Matrix

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

Need help? Tech help line: **(888) RAB-1000** Email: **sales@rabweb.com** Website: **www.rabweb.com**

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