WPLEDFC80NW/D10

RAB



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

Color: White

Weight: 17.6 lbs

Proje	ct:	Type:		
Prepa	ared By:	Date:		
Driver In	fo	LED Info		
Туре	Constant Current	Watts	80W	
120V	0.71A	Color Temp	4000K (Neutral)	
208V	0.41A	Color Accurac	y 76 CRI	

Technical Specifications

Electrical

Dimming Driver:

Driver includes dimming control wiring for 0-10V dimming systems. Requires separate 0-10V DC dimming circuit. Dims down to 10%.

THD: 6.39% at 120V, 10.26% at 277V

Power Factor: 99.5% at 120V, 93.5% at 277V

Surge Protection: 4kV

Compliance UL Listed: Suitable for wet locations

IP Rating: Ingress protection rating of IP66 for dust and water

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

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 color temperature over a 5-year period

240V

277V

0.36A

0.31A

Input Watts 82.2W

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

Wattage Equivalency: Replaces 320W Metal Halide

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

L70 Lifespan

Lumens

Efficacy

100,000 Hours

9,945 lm

121 lm/W

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

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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.

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Technical Specifications (continued)

Other 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 <u>rablighting.com/warranty.</u>

Replacement:

Replaces up to 400W Metal Halide

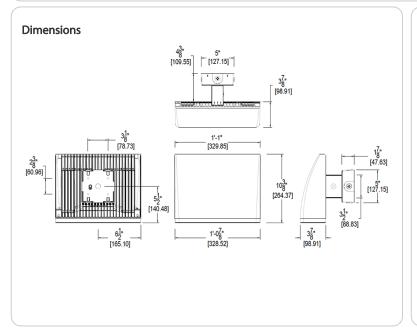
Buy American Act Compliance:

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.

Optical

BUG Rating:

B1 U0 G1



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



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Family	Cutoff	Wattage	Color Temp	Finish	Driver Options	Options	Other Options
NPLED	FC	80	Ν	W	/D10		
	Blank = Standard (15 degrees) C = Cutoff (7.5 degrees) FC = Full Cutoff (0 degrees)	52 = 52W 80 = 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® Controller	Blank = Standard USA = BAA Complian