WPLED20/PC

RAB LIGHTING

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

Driver Info

Type:	Constant Current
120V:	0.19A
208V:	N/A
240V:	N/A
277V:	N/A
Input Watts:	22W
Efficiency:	93%

LED Info

Watts:	20W
Color Temp:	5000K
Color Accuracy:	70 CRI
L70 Lifespan:	100000
Lumens:	1,401
Efficacy:	65 LPW

Ultra-high efficiency 20 Watt wallpack. Patent Pending thermal management system. 100,000 hour L70 lifespan. 5 Year Warranty.

Color: Bronze   Weight: 6.1 lbs

Technical Specifications

Electrical

Photocell:

120V Button Photocell Included.__ Photocell is only compatible with 120V.

THD:

7.35% at 120V

Driver:

Automatic Voltage Sensing Driver for 120-277 volts.

Driver:

Constant Current, Class2, 100 -277V, 50/60 Hz, 100 - 240VAC 0.3 - 0.15A, 277VAC 0.15A

Surge Protection:

4kV

Listings

UL Listing:

Suitable for wet locations. Suitable for mounting within 1.2m (4ft) of the ground.

Dark Sky Approved:

The International Dark Sky Association has approved this product as a full cutoff, fully shielded luminaire.

IESNA LM-79 & IESNA LM-80 Testing:

RAB LED luminaires have been tested by an independent laboratory in accordance with IESNA LM-79 and 80, and have received the Department of Energy "Lighting Facts" label.

LED Characteristics

Lifespan:

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

Color Accuracy:

70 CRI

Color Temperature (Nominal CCT):

5000K (Daylight).

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.

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.

Construction

Cold Weather Starting:

The minimum starting temperature is -30°C (-22° F).

Maximum Ambient Temperature:

Suitable for use in 55°C (131°F) ambient temperatures.

Thermal Management:

Integral cast aluminum mounting pad and external fins for optimal heat sinking to ensure cool operation with maximum LED life and light output.

Housing:

Precision die cast aluminum housing, lens frame and mounting plate.

Two Mounting Options:

Junction Box with 5 Conduit Entry Points and Threaded Plugs for surface mounting plus Cover Plate for mounting over 4" recessed junction box included with WPLED20.

Green Technology:

Mercury and UV free. RoHS compliant components. Polyester powder coat finish formulated without the use of VOC or toxic heavy metals.

For use on LEED Buildings:

IDA Dark Sky Approval means that this fixture can be used to achieve LEED Credits for Light Pollution Reduction.

Finish:

Our environmentally friendly polyester powder coatings are formulated for high-durability and long-lasting color, and contains no VOC or toxic heavy metals.

Gaskets:

High Temperature Silicone.

Optical

Fixture Efficacy:

65 Lumens per Watt

Other

Patents:

The LPACK design is protected under patents in the U.S. Pat. D634873, Canada Pat. 133207, China Pat. ZL201030129137, Taiwan Pat. D139540 and Mexico Pat. 32491

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.
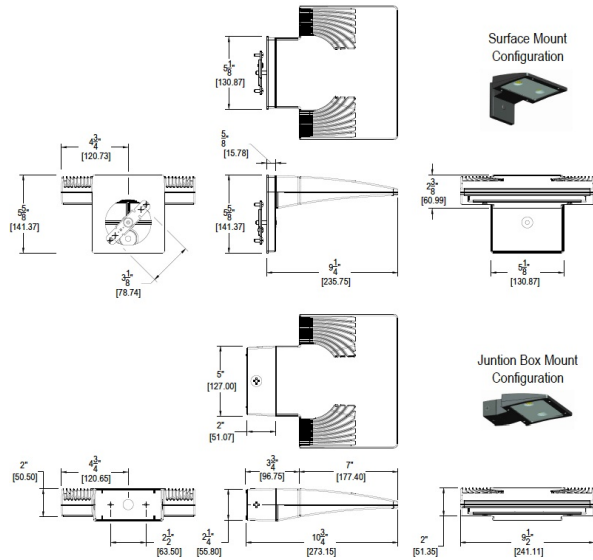
Technical Specifications (continued)

Other

Equivalency:

The WPLED20 is Equivalent in delivered lumens to a 150W Metal Halide Wallpack.

HID Replacement Range:

The WPLED20 can be used to replace 100-175W Metal Halide Wallpacks based on delivered lumens.

Dimensions

Surface Mount Configuration

Juntion Box Mount Configuration

Features

- Ultra-high efficiency 20 Watt wallpack
- 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
- Replaces 100W MH
- 100 up to 277 Volts
- 5-year warranty

Ordering Matrix

Family	Watts	Color Temp	Sensor	Finish	Photocell
WPLED					
	20 = 20W	**Blank** = 5000K (Cool) **Y** = 3000K (Warm) **N** = 4000K (Neutral)	**Blank** = No Sensor **MS** = Mini Sensor	**Blank** = Bronze **W** = White	**Blank** = No Photocell **/PC** = 120V Button **/PCS** = 120V Swivel **/PC2** = 277V Button

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

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