



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

Project:

Type:

Prepared By:

Date:

Driver Info

Type: Constant Current
 120V: 0.19A
 208V: 0.12A
 240V: 0.10A
 277V: 0.08A
 Input Watts: 22W
 Efficiency: 92%

LED Info

Watts: 20W
 Color Temp: 3000K
 Color Accuracy: 71 CRI
 L70 Lifespan: 100000
 Lumens: 985
 Efficacy: 45 LPW

Technical Specifications

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 Consistency:

3-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color.

Color Stability:

LED color temperature is warranted 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.

Color Accuracy:

70 CRI

Color Temperature (Nominal CCT):

3000K

Construction

Finish:

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

Cold Weather Starting:

The minimum starting temperature is -30_C.

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.

Gaskets:

High Temperature Silicone.

Electrical

THD:

6.82% 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

Optical

Fixture Efficacy:

45 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.

Equivalency:

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

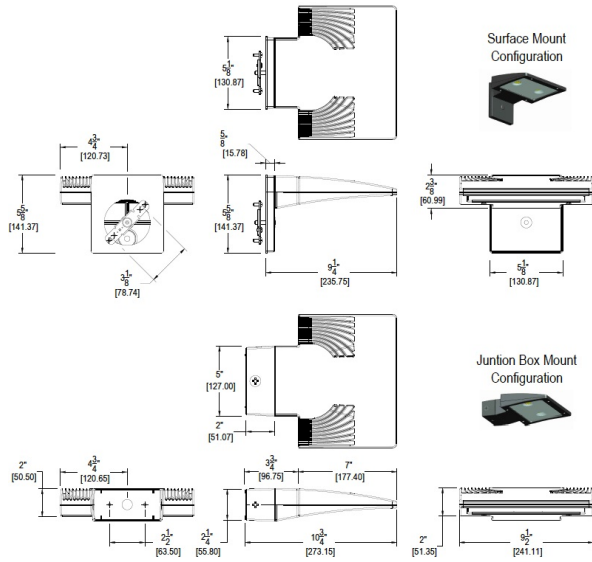
Technical Specifications (continued)

Other

HID Replacement Range:

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

Dimensions



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