



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

Color: White

Weight: 6.6 lbs

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:	91%

LED Info

Watts:	20W
Color Temp:	4000K
Color Accuracy:	74 CRI
L70 Lifespan:	100000
Lumens:	1111
Efficacy:	51 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 C78.377-2015.

Color Accuracy:

74 CRI

Color Temperature (Nominal CCT):

4000K

Construction

Finish:

Formulated for high-durability and long lasting color.

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.

Mounting:

Junction Box with 5 Conduit Entry Points

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:

7.4% 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:

50.5 Lumens per Watt

BUG Rating:

B1 U0 G0

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B1 U0 G0

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

Technical Specifications (continued)

Other	Equivalency:	Buy American Act Compliance:
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.	Equivalent to 150W Metal Halide.	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.

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