



Ultra-high efficiency LED 18 Watt wall pack. patent-pending thermal management system. 100,000 hour L70 lifespan. 5-year, no-compromise warranty.

Color: Bronze

Weight: 14.9 lbs

Project:

Type:

Prepared By:

Date:

Driver Info

| Type | Constant Current |
|-------------|------------------|
| 120V | 0.17A |
| 208V | 0.11A |
| 240V | 0.09A |
| 277V | 0.08A |
| Input Watts | 20.70W |

LED Info

| | |
|----------------|--------------|
| Watts | 18W |
| Color Temp | 3000K (Warm) |
| Color Accuracy | 70 CRI |
| L70 Lifespan | 100,000 |
| Lumens | 2,461 |
| Efficacy | 118.9 LPW |

Technical Specifications

Electrical

Driver:

Constant Current, Class 2, 100-277V, 50/60 Hz, 4 kV surge protection, 500mA, 100-240VAC: 0.3-0.15A, 277VAC: 0.15A, Power Factor: 99%

THD:

9.77% at 120V, 18.41% at 277V

Power Factor:

99.2% at 120V, 91.5% at 277V

Battery Backup:

Minimum starting temperature is 0°C/32°F

Battery Mode:

Light output use LLD of.76 to simulate light output during battery mode operation.

Backup Battery:

Two field-replaceable, high-temperature, maintenance-free, nickel-cadmium batteries

Listings

UL Listed:

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

IESNA LM-79 & LM-80 Testing:

RAB LED luminaires and LED components have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80.

LED Characteristics

Lifespan:

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

LED:

Multi-chip, high-output, long-life LED

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 color temperature over a 5-year period

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 C78.377-2017.

Construction

Maximum Ambient Temperature:

Suitable for use in 40°C (104°F)

Cold Weather Starting:

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

Thermal Management:

Superior heat sinking with external Air-Flow fins

Finish:

Our environmentally friendly polyester powder coatings are formulated for high-durability and long-lasting color

Reflector:

Semi-specular, vacuum-metalized polycarbonate

Gaskets:

High-temperature silicone gaskets

Housing:

Die-cast aluminum housing, lens frame and mounting arm

Technical Specifications (continued)

Construction

Mounting:

Heavy-duty mounting arm with "O" ring seal & stainless steel screws

Green Technology:

Mercury and UV free. RoHS-compliant components.

Other

Patents:

The design of WPLED18 is protected by US patent D608,040, Canada patent 138280, and China patent CN301649064S

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 rablighting.com/warranty.

Replacement:

Replaces 150W Metal Halide

Buy American Act Compliance:

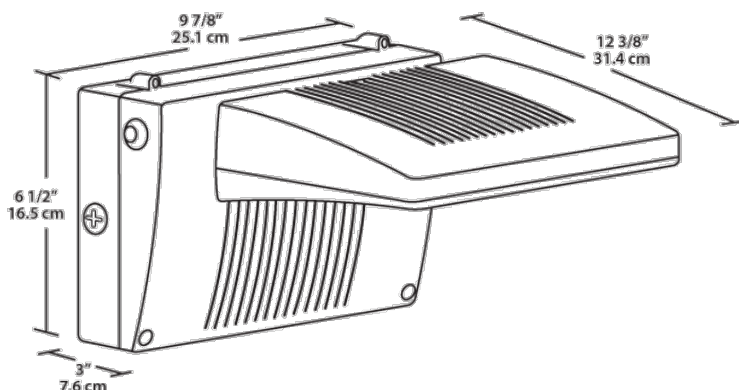
RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.

Optical

BUG Rating:

B1 U0 G0

Dimensions



Features

- Ultra-high efficiency LED 18 Watt wall pack
- Replaces 150W Metal Halide Wall packs
- 100,00-Hour LED Lifespan
- 5-Year, No-Compromise Warranty

Ordering Matrix

| Family | Wattage | Color Temp | Finish | Emergency Battery Backup | Options | Other Options |
|--------|----------|---|-----------------------------|---|--|---|
| WPLED | 18 | Y | W | /E | | |
| | 18 = 18W | Blank = 5000K (Cool) N = 4000K (Neutral) Y = 3000K (Warm) | Blank = Bronze W = White | Blank = No Battery Backup /E = Standard Battery Backup /EC = Battery Backup with Cold Start | Blank = No Option /PCS = 120V Swivel Photocell /PC = 120V Button Photocell /PC2 = 277V Button Photocell | USA = BAA Compliant Blank = Standard |