



18 Watt LED wall sconce. Die-cast aluminum wall bracket with five 1/2" conduit openings with plugs.

Color: White

Weight: 13.1 lbs

Project:

Type:

Prepared By:

Date:

Driver Info

Type: Constant Current
120V: 0.24A
208V: N/A
240V: N/A
277V: N/A
Input Watts: 23W
Efficiency: 80%

LED Info

Watts: 18W
Color Temp: 5100K (Cool)
Color Accuracy: 71 CRI
L70 Lifespan: 100,000
LM79 Lumens: 1,242
Efficacy: 55 LPW

Technical Specifications

Other

WBLEDR18 with Photocell:

120V Swivel Photocell Included. Photocell is only compatible with 120V.

LEDs:

6W multi-chip, long-life LEDs

IESNA LM-79 & IESNA LM-80 Testing:

RAB LED fixtures 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.

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.

Country of Origin:

Designed by RAB in New Jersey and assembled in the USA by RAB's IBEW Local 3 workers.

Buy American Act Compliant:

This product is a COTS item manufactured in the United States, and is compliant with the Buy American Act.

Recovery Act (ARRA) Compliant:

This product complies with the 52.225-21 "Required Use of American Iron, Steel, and Manufactured Goods -- Buy American Act -- Construction Materials (October 2010).

Trade Agreements Act Compliant:

This product is a COTS item manufactured in the United States, and is compliant with the Trade Agreements Act.

GSA Schedule:

Suitable in accordance with FAR Subpart 25.4.

Listings

UL Listing:

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

LED Characteristics

Lifespan:

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

Color Consistency:

7-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

Electrical

Driver:

Constant Current, Class 2, 100-277V, 50/60 Hz, 6kV Surge Protection, 700mA, 100-277VAC 0.04 A.

Custom

THD:

16.1% at 120V

California Title 24:

WBLEDR18/PCS complies with 2013 California Title 24 building and electrical codes as a commercial outdoor non-pole-mounted fixture < 30 Watts.

Patents:

The design of WBLEDR is protected by patents pending in US, Canada, China, Taiwan and Mexico.

Construction

Ambient Temperature:

Suitable for use in 40°C (104°F) ambient temperatures

Cold Weather Starting:

Minimum starting temperature is -40°F/-40°C

Thermal Management:

Cast aluminum Thermal Management system for optimal heat sinking. The BLEDR is designed for cool operation, maximum efficiency and long life by minimizing LED junction temperature.

Housing:

Die-cast aluminum with extruded aluminum bollard shaft

Lens:

Clear, vandal-resistant polycarbonate

Reflector:

Specular polycarbonate

Gaskets:

High-temperature silicone gaskets seal out moisture gaskets seal out moisture

Mounting:

Die-cast aluminum wall bracket with five (5) 1/2" conduit openings with plugs

Technical Specifications (continued)

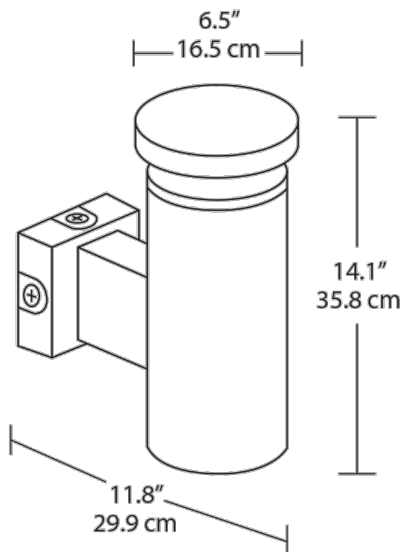
Construction

Gaskets:
High-temperature silicone gaskets seal out moisture

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

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

Dimensions



Features

- 18 Watt LED architectural wall sconce
- Companion fixture to RAB BLED Bollard
- Durable construction and vandal-resistant polycarbonate lens
- 100,000-hour LED lifespan

Ordering Matrix

| Shape | Watts | Color Temp | Finish |
|-----------------------------|----------|---|---|
| Blank = Square R = Round | 18 = 18W | Blank = Cool Y = Warm N = Neutral | Blank = Architectural Bronze W = White |