



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: 0.18A  
 240V: 0.15A  
 277V: 0.12A  
 Input Watts: 22W  
 Efficiency: 82%

#### LED Info

Watts: 18W  
 Color Temp: 4000K (Neutral)  
 Color Accuracy: 85 CRI  
 L70 Lifespan: 100,000  
 LM79 Lumens: 818  
 Efficacy: 37 LPW

## Technical Specifications

### Listings

#### UL Listing:

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

#### Other

#### LEDs:

6W multi-chip, long-life LEDs

#### California Title:

See WBLED18/PCS for a 2013 California Title 24 compliant model.

#### 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.

#### 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 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

#### Electrical

##### Driver:

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

##### Custom

##### THD:

16.3% at 120V, 23.2% at 277V

##### Patents:

The design of WBLED 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 BLED 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

#### Gaskets:

High-temperature silicone gaskets seal out moisture

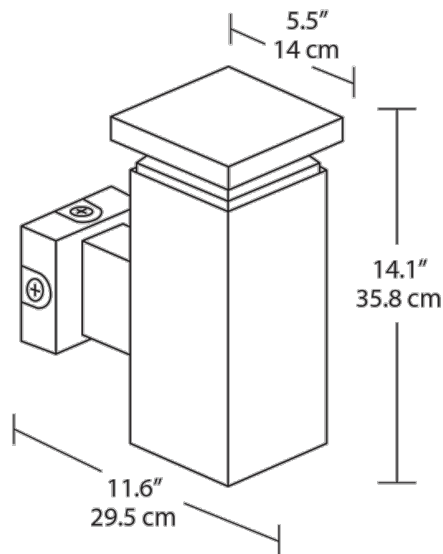
#### Finish:

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<br>R = Round | 18 = 18W | Blank = Cool<br>Y = Warm<br>N = Neutral | Blank = Architectural Bronze<br>W = White |