



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

Color: Bronze

Weight: 14.0 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	17.4W

### LED Info

Watts	18W
Color Temp	4000K (Neutral)
Color Accuracy	85 CRI
L70 Lifespan	100,000 Hours
Lumens	1,907 lm
Efficacy	109.6 lm/W

## Technical Specifications

### Compliance

#### UL Listed:

Suitable for wet locations

#### 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

#### DLC Listed:

This product is listed by Design Lights Consortium (DLC) as an ultra-efficient premium product that qualifies for the highest tier of rebates from DLC Member Utilities. Designed to meet DLC 5.1 requirements.

DLC Product Code: P0000173H

### LED Characteristics

#### LEDs:

Long-life, high-efficiency, surface-mount LEDs

#### Color Consistency:

5-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

### Performance

#### Lifespan:

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

### Optical

#### BUG Rating:

B1 U3 G2

### Construction

#### Cold Weather Starting:

The minimum starting temperature is -40°C (-40°F)

#### 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:

Reinforced Die-cast Aluminum

#### Lens:

Polycarbonate lens

#### Reflector:

Vacuum-metalized polycarbonate



## Technical Specifications (continued)

### Construction

#### 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

#### Finish:

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

#### Green Technology:

Mercury and UV free. RoHS-compliant components.

### Other

#### Patents:

The design of WBLED is protected by patents in US, Canada & China

#### 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](http://rablighting.com/warranty).

#### 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.

### Electrical

#### Driver:

Constant Current, Class 2, 100-277V, 50/60 Hz, 4kV Surge Protection, 700mA, 120V: 0.24A, 208V: 0.18A, 240V: 0.15A, 277V: 0.12A

#### THD:

6.4% at 120V, 10.6% at 277V

#### Power Factor:

99.5% at 120V, 89.9% at 277V

## Ordering Matrix

Family	Shape	Wattage	Color Temp	Finish	Photocell Option
WBLED		18	N		
	Blank = Square R = Round	18 = 18W	Blank = 5000K Cool Y = 3000K Warm N = 4000K Neutral	Blank = Bronze W = White	Blank = No Option /PCS = 120V Swivel Photocell /PCS2 = 277V Swivel Photocell