



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: 7.5 lbs

Project:

Type:

Prepared By:

Date:

**Driver Info**

Type	Constant Current
120V	0.15A
208V	0.09A
240V	0.08A
277V	0.07A
Input Watts	21W

**LED Info**

Watts	18W
Color Temp	5000K (Cool)
Color Accuracy	70 CRI
L70 Lifespan	100,000 Hours
Lumens	2,859 lm
Efficacy	136.1 lm/W

**Technical Specifications**

**Electrical**

**Driver:**

Constant Current, Class 2, 120-277V, 50/60Hz, 120V: 0.15A, 208V: 0.09A, 240V: 0.08A, 277V 0.07A

**Dimming Driver:**

Driver includes dimming control wiring for 0-10V dimming systems. Requires separate 0-10V DC dimming circuit. Dims down to 10%.

**THD:**

14.21% at 120V, 10.51% at 277V

**Power Factor:**

97.4% at 120V, 95.1% at 277V

**Photocell:**

277V Button photocell included. Photocell is compatible with \_\_208V-277V.

**Compliance**

**UL Listed:**

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

**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: P00001751

**Performance**

**Lifespan:**

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

**Wattage Equivalency:**

Equivalent to 100W Metal Halide

**LED Characteristics**

**LED:**

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

**Color Consistency:**

7-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 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 up to 40°C (104°F)

**Cold Weather Starting:**

The 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

**Mounting:**

Heavy-duty 1/2" thread mounting arm with "O" ring seal & stainless steel screws

**Green Technology:**

Mercury and UV free. RoHS-compliant components.

## Technical Specifications (continued)

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

#### Replacement:

Replaces 150W Metal Halide

#### Buy American Act Compliance:

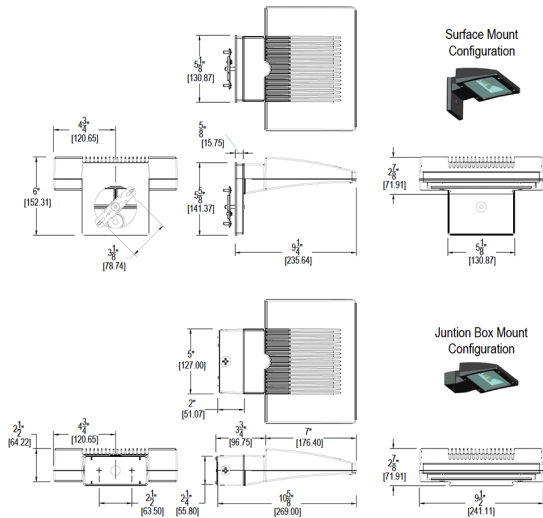
RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.

### Optical

#### BUG Rating:

B1 U0 G0

## Dimensions



## Features

- Ultra-high efficiency LED 18 Watt wall pack
- Replaces 100W 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				/PC2	
	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	Blank = Standard USA = BAA Compliant