



Color: Bronze

Weight: 13.0 lbs

Project:

Type:

Prepared By:

Date:

Driver Info

Type	Constant Current
120V	1.25A/0.84A/0.63A
208V	0.73A/0.48A/0.36A
240V	0.63A/0.42A/0.32A
277V	0.55A/0.37A/0.28
Input Watts	70.4-145W

LED Info

Watts	150/100/75W
Color Temp	3000/4000/5000K
Color Accuracy	72-75 CRI
L70 Lifespan	100,000 Hours
Lumens	11,480-21,852 lm
Efficacy	141.8-169.1 lm/W

Technical Specifications

Field Adjustability

Field Adjustable:

Field Adjustable Light Output:  
150W/100W/75W (factory default 150W)  
Color temperature selectable by 5000K, 4000K and 3000K

Compliance

UL Listed:

Suitable for wet locations

Trade Agreements Act Compliant:

This product is a product of Cambodia and a "designated country" end product that complies with the Trade Agreements Act

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: S-LHG3FY

Electrical

Driver:

Constant Current, Class 2, 120-277V, 50/60Hz:  
150W: 120V: 1.25A, 208V: 0.73A, 240V: 0.63A, 277V: 0.55A  
100W: 120V: 0.84A, 208V: 0.48A, 240V: 0.42A, 277V: 0.37A  
75W: 120V: 0.63A, 208V: 0.36A, 240V: 0.32A, 277V: 0.28A

Dimming Driver:

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

THD:

3.53% at 120V, 8.91% at 277V

Power Factor:

99.7% at 120V, 93.2% at 277V

Photocell:

Integrated photocell included with on/off switch

Performance

Lifespan:

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

Wattage Equivalency:

150W: Replaces up to 750W Metal Halide or 400W High Pressure Sodium  
100W: Replaces up to 400W Metal Halide or 310W High Pressure Sodium  
75W: Replaces up to 350W Metal Halide or 250W High Pressure Sodium

LED Characteristics

LEDs:

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

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

Housing:

Die-cast aluminum

Lens:

Glass

Reflector:

Specular aluminum

Cold Weather Starting:

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

## Technical Specifications (continued)

### Maximum Ambient Temperature:

Suitable for use in up to 40°C (104°F)

### Green Technology:

Mercury and UV free. RoHS-compliant components.

### Finish:

Formulated for high durability and long-lasting color

## Installation

### Mounting:

Die-cast backbox with four (4) conduit entry points and knockout pattern for junction box or direct wall mounting. Hinged door for easy re-assembly.

## Optical

### BUG Rating:

150W: B1 U3 G5

100W: B1 U3 G5

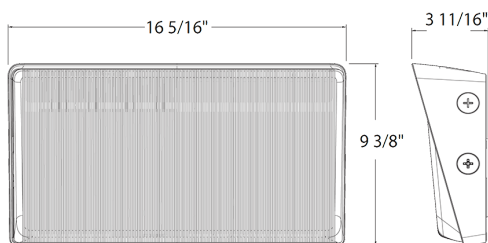
75W: B1 U3 G5

## Other

### 5 Yr Limited Warranty:

The RAB 5-year, limited warranty covers light output, driver performance and paint finish. RAB's warranty is subject to all terms and conditions found at [rablighting.com/warranty](http://rablighting.com/warranty).

## Dimensions



## Features

100,000-Hour LED lifespan

0-10V dimming standard

5-Year, limited warranty

Ordering Matrix

Family	Size (Wattage)	Color Temp	Finish	Driver	Options
W34	L				

S = Small (35/25/17W)  
M = Medium (80/60/40W)  
L = Large (150/100/75W)

Blank = 3000/4000/5000K CCT Adjustable

Blank = Bronze

Blank = 120-277V, 0-10V Dimming

Blank = Integrated Photocell