



Color: Bronze

Weight: 10.0 lbs

Project:

Type:

Prepared By:

Date:

Driver Info

Type	Constant Current
120V	0.67A/0.50A/0.34A
208V	0.40A/0.30A/0.20A
240V	0.34A/0.25A/0.17A
277V	0.30A/0.22A/0.15A
Input Watts	41.6-89.7W

LED Info

Watts	80/60/40W
Color Temp	3000/4000/5000K
Color Accuracy	75-77 CRI
L70 Lifespan	100,000 Hours
Lumens	6,174-12,495 lm
Efficacy	127.6-157.5 lm/W

Technical Specifications

Field Adjustability

Field Adjustable:

Field Adjustable Light Output:
80W/60W/40W (factory default 80W)
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-F9NLOH

Electrical

Driver:

Constant Current, Class 2, 120-277V, 50/60Hz:
80W: 120V: 0.67A, 208V: 0.40A, 240V: 0.34A, 277V: 0.30A
60W: 120V: 0.50A, 208V: 0.30A, 240V: 0.25A, 277V: 0.22A
40W: 120V: 0.34A, 208V: 0.20A, 240V: 0.17A, 277V: 0.15A

Dimming Driver:

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

THD:

2.97% at 120V, 5.18% at 277V

Power Factor:

99.6% at 120V, 94.8% 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:

80W: Replaces up to 400W Metal Halide or 250W High Pressure Sodium
60W: Replaces up to 250W Metal Halide or 200W High Pressure Sodium
40W: Replaces up to 200W Metal Halide or 150W 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:

80W: B1 U3 G5

60W: B1 U3 G4

40W: B1 U3 G3

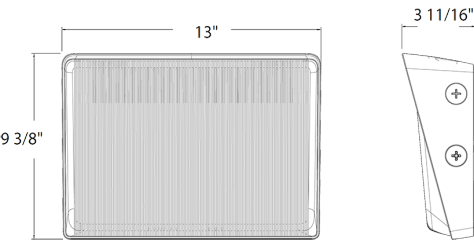
Other

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.

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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	M				

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