



Color: Gray

Weight: 4.7 lbs

<b>Project:</b>	<b>Type:</b>
<b>Prepared By:</b>	<b>Date:</b>

Driver Info		LED Info	
Type	Constant Current	Watts	120/100/80W
120V	1.00A/0.85A/0.68A	Color Temp	Field Adjustable 3000/4000/5000K
208V	0.58A/0.48A/0.39A	Color Accuracy	82-85 CRI
240V	0.50A/0.42A/0.33A	L70 Lifespan	100,000 Hours
277V	0.42A/0.37A/0.29A	Lumens	11,422-17,328 lm
Input Watts	78.5-119.4W	Efficacy	132.5-163.1 lm/W

**Technical Specifications**

**Field Adjustability**

**Field Adjustable:**

Field Adjustable Light Output:  
120W/100W/80W (factory default 120W)  
Color temperature selectable by 5000K, 4000K and 3000K (factory default 4000K)

**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.

**IP Rating:**

Ingress protection rating of IP65 for dust and water

**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-5QVQHC

**Electrical**

**Driver:**

Constant Current, Class 1, 120-277V, 50/60 Hz, 120W: 1.00A, 208V: 0.58A, 240V: 0.50A, 277V: 0.42A  
100W: 0.85A, 208V: 0.48A, 240V: 0.42A, 277V: 0.37A  
80W: 0.68A, 208V: 0.39A, 240V: 0.33A, 277V: 0.29A

**Dimming Driver:**

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

**THD:**

60W: 5.25% at 120V, 11.05% at 277V  
50W: 5.25% at 120V, 11.05% at 277V  
40W: 5.25% at 120V, 11.05% at 277V

**Power Factor:**

120W: 99.8% at 120V, 96.3% at 277V  
100W: 99.7% at 120V, 96.3% at 277V  
80W: 99.6% at 120V, 96.3% at 277V

**Photocell:**

120-277V Integrated dusk to dawn photocell

**Surge Protection:**

6kV

**Optical**

**BUG Rating:**

120W: B3 U3 G2  
100W: B3 U3 G2  
80W: B3 U3 G1

**LED Characteristics**

**LEDs:**

Long-life, high-efficiency, 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.

**Performance**

**Lifespan:**

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

**Wattage Equivalency:**

120W: Replaces up to 400W Metal Halide (MH) or 310W High Pressure Sodium (HPS)  
100W: Replaces up to 400W Metal Halide (MH) or 310W High Pressure Sodium (HPS)  
80W: Replaces up to 350W Metal Halide (MH) or 250W High Pressure Sodium (HPS)

## Technical Specifications (continued)

### Construction

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**Cold Weather Starting:**

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

**Maximum Ambient Temperature:**

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

**Housing:**

Precision die-cast aluminum housing and arm

**Effective Projected Area:**

EPA = 0.27

**Lens:**

Polycarbonate lens

**Reflector:**

Polyethylene Terephthalate (PET)

**Finish:**

Formulated for high durability and long-lasting color

**Green Technology:**

Mercury and UV free. RoHS-compliant components.

### Installation

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**Mounting:**

Mounts on wall or existing arm/pole YARM24 (1 5/8" diameter pipe)

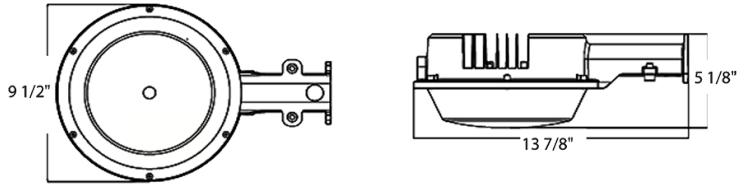
### Other

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**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
- 120-277V Integrated dusk to dawn photocell
- 0-10V dimming, standard
- 5-Year, limited warranty