



Color: Bronze

Weight: 8.8 lbs

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

| Driver Info |                   | LED Info       |                  |
|-------------|-------------------|----------------|------------------|
| Type        | Constant Current  | Watts          | 150/120/100W     |
| 120V        | 1.21A/0.97A/0.81A | Color Temp     | 3000/4000/5000K  |
| 208V        | 0.70A/0.56A/0.47A | Color Accuracy | 81-84 CRI        |
| 240V        | 0.63A/0.51A/0.42A | L70 Lifespan   | 100,000 Hours    |
| 277V        | 0.53A/0.45A/0.38A | Lumens         | 15966-23,343 lm  |
| Input Watts | 99.2-150.7W       | Efficacy       | 145.8-167.6 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.

#### IP Rating:

Ingress protection rating of IP65 for dust and water

#### DLC Listed:

This product family is listed with the DesignLights Consortium (DLC). Individual SKUs within this family may carry either a DLC Standard or DLC Premium qualification. Please refer to the individual product specification sheet or the DLC Qualified Products List (QPL) at [designlights.org](http://designlights.org) to confirm the qualification status of a specific SKU prior to specification or purchase.

### Electrical

#### Driver:

150W: Constant Current, Class 1, 120-277V, 50/60 Hz, 120V: 1.21A, 208V: 0.70A, 240V: 0.63A, 277V: 0.53A  
 120W: Constant Current, Class 1, 120-277V, 50/60 Hz, 120V: 0.97A, 208V: 0.56A, 240V: 0.51A, 277V: 0.45A  
 100W: Constant Current, Class 1, 120-277V, 50/60 Hz, 120V: 0.81A, 208V: 0.47A, 240V: 0.42A, 277V: 0.38A

#### Dimming Driver:

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

#### THD:

3.01% at 120V, 5.56% at 277V

#### Power Factor:

99.88% at 120V, 96.1% at 277V

#### Surge Protection:

6 kV

### Performance

#### Lifespan:

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

### Optical

#### IES Classification:

The Type V distribution produces light in a wide and uniform 360° pattern that is perfect for large outdoor areas such as parking lots, corporate parks and retail settings

#### BUG Rating:

B4 U0 G3

#### 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.

### Construction

#### Cold Weather Starting:

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

#### Maximum Ambient Temperature:

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

#### Lens:

Polycarbonate lens

## Technical Specifications (continued)

### Housing:

Die-cast aluminum housing, lens frame and mounting arm

### Vibration Rating:

3G vibration rating per ANSI C136.31

### Effective Projected Area (EPA) (Without Shield):

1 Fixture: 0.60 ft<sup>2</sup>  
 2 Fixtures at 90°: 0.86 ft<sup>2</sup>  
 2 Fixtures at 180°: 1.21 ft<sup>2</sup>  
 3 Fixtures at 90°: 1.47 ft<sup>2</sup>  
 4 Fixtures at 90°: 1.47 ft<sup>2</sup>

### Effective Projected Area (EPA) (With Shield):

1 Fixture: 0.64 ft<sup>2</sup>  
 2 Fixtures at 90°: 1.14 ft<sup>2</sup>  
 2 Fixtures at 180°: 1.28 ft<sup>2</sup>  
 3 Fixtures at 90°: 1.8 ft<sup>2</sup>  
 4 Fixtures at 90°: 1.8 ft<sup>2</sup>

### Finish:

Formulated for high durability and long-lasting color

### Green Technology:

Mercury and UV free. RoHS-compliant components.

## Installation

### Mounting:

Universal mounting arm compatible for hole spacing patterns from 1" to 5 1/2" center to center. Round Pole adapter plate included as a standard. Easy slide and lock to mount fixture with ease. Round pole diameter must be >4" to mount fixtures at 90° orientation.

### Other

#### 5-Year 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).

## Sensor Settings

### Capacitance Load:

400VA at 120VAC, 800VA at 230VAC, 1000VA at 277VAC

### Operating Temperature:

-4°F to +140°F (-20°C to +60°C)

### Relay:

Zero-cross relay

### Maximum Mounting Height:

49.2 ft (15M)

### Customizable Detection Area:

10, 50, 75 or 100%

### Time Delay:

5s, 30s, 1min, 5min, 10min, 20min, 30min

### Cut Off Period:

0s, 10s, 1min, 5min, 10min, 30min, 1hr, Bi-Level

### Cut-Off Dimming level:

10, 20, 30, 50%

### Cut-Off Power:

Less than 1W

### Daylight Threshold:

About .2-5 fc for disabled

### Sensor Principle:

High Frequency

### Microwave Frequency:

5.8GHz +/- 75MHz

### Microwave Power:

<0.2mW

### Max Detection Range:

26 ft diameter at 16 ft mounting height

### Detection Angle:

About 30 to 150 degrees

### Remote Control Accessory:

Adjust settings using remote control (catalog# MSR1). Only available with 0-10V dimming driver options. [Remote control available here.](#)

## Ordering Matrix

| Family | Distribution                                 | Wattage/Lumens   | Mounting  | Color Temp                             | Finish         | Driver  | Options   |
|--------|--|--|---|--|----------------|---|---|
| A17    | -  | 5T   | 150   |  |                |   | /MVS  |
|        | 4T = Type IV<br>5T = Type V<br>3T = Type III | 70 = 70/60/50W<br>100 = 100/80/60W<br>150 = 150/120/100W<br>200 = 200/180/160W<br>300 = 300/240/200W<br>375 = 375/300/240W<br>480 = 480/400/320W | SF = Slipfitter (Factory installed SF available in 150W) <sup>1</sup><br>Blank = Universal Pole Mount | Blank = 3000/4000/5000K CCT Adjustable | Blank = Bronze | Blank = 120-277V, 0-10V Dimming<br>/480 = 480V, 0-10V Dimming | Blank = No Option<br>/3PRS = 3-pin Receptacle and Shorting Cap<br>/7PRS = 7-pin Receptacle and Shorting Cap<br>/MVS = Microwave Motion Sensor<br>/LCBS = Lightcloud Blue w/PIR Sensor<br>/LCBS/MVS = Lightcloud Blue w/MVS Sensor |

<sup>1</sup> 1Slipfitter Mount available on 150W only  
 Type II distribution available as special order.  
 Wall mount and roadway arm mount available as optional accessories.