



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	Watts	100/80/60W
120V	/480	Color Temp	3000/4000/5000K
208V	N/A	Color Accuracy	81 CRI
240V	N/A	L70 Lifespan	100,000 Hours
277V	N/A	Lumens	9,456-15,751 lm
Input Watts	59.5-100.5W	Efficacy	145.1-169.2 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:**

100W: Constant Current, Class 1, 480V, 50/60 Hz, 480V: 0.22A  
 80W: Constant Current, Class 1, 480V, 50/60 Hz, 480V: 0.18A  
 60W: Constant Current, Class 1, 480V, 50/60 Hz, 480V: 0.12A

**Dimming Driver:**

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

**THD:**

13.31% at 480V

**Power Factor:**

99.82% at 480V

**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:**

B3 U0 G2

### 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

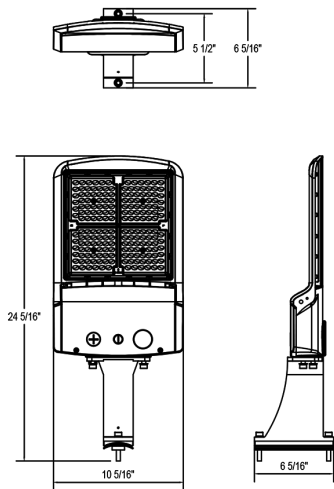
### Detection Angle:

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.](#)

## Dimensions



## Features

- 0-10V Dimming, standard
- 100,000-hour LED lifespan
- 5-Year, limited warranty

## Ordering Matrix

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

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