



Color: Bronze

Weight: 8.8 lbs

Project:

Type:

Prepared By:

Date:

### Driver Info

Type	Constant
120V	/480
208V	N/A
240V	N/A
277V	N/A
Input Watts	59.5-100.5W

### LED Info

Watts	100/80/60W
Color Temp	3000K/4000K/5000K
Color Accuracy	81 CRI
L70 Lifespan	100,000 Hours
Lumens	9,456-15,751 lm
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 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-ND4CXS (Architectural Flood and Spot Luminaires)

DLC Product Code: S-8X5VX0 (Outdoor Pole/Arm-Mounted Area and Roadway Luminaires)

### 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:

6kV

### Performance

#### Lifespan:

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

### Construction

#### 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

#### 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)

#### Lens:

Polycarbonate lens

#### Housing:

Die-cast aluminum housing, lens frame and mounting arm

#### Vibration Rating:

3G vibration rating per ANSI C136.31

#### Effective Projected Area (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 (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>

## Technical Specifications (continued)

### Mounting:

Universal mounting arm compatible for hole spacing patterns from 1" to 5 1/2" center to center. Round Pole Adaptor 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.

### Finish:

Formulated for high durability and long-lasting color

### Green Technology:

Mercury and UV free. RoHS-compliant components.

### 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.

### 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).

#### Buy American Act Compliance:

RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.

### Optical

#### BUG Rating:

B3 U0 G2

### Sensor Specifications

#### Capacitance Load:

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

#### Operating Temperature:

-20°C to +60°C (-4°F to +140°F)

#### 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

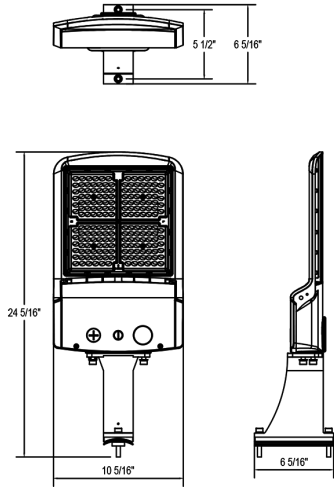
#### Detection Angle:

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	Voltage	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) Blank = Universal Pole Mount	Blank = 3000K/4000K/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 Enabled w/PIR Sensor /LCBS/MVS = Lightcloud Blue Enabled w/MVS Sensor

<sup>1</sup> 480V driver available standard on 150W and 300W and by special order on 100, 240 and 375W. Not available on 70W or 200W models.

Type II distribution available as special order

Wall mount and adjustable universal pole mount available as optional field-installed accessories