



Color: Bronze

Weight: 8.8 lbs

Project:	Type:
Prepared By:	Date:

Driver Info		LED Info	
Type	Constant Current	Watts	70/60/50W
120V	0.58A/0.49A/0.41A	Color Temp	3000/4000/5000K
208V	0.33A/0.28A/0.24A	Color Accuracy	81-83 CRI
240V	0.30A/0.26A/0.21A	L70 Lifespan	100,000 Hours
277V	0.27A/0.23A/0.19A	Lumens	7,633-11,047 lm
Input Watts	50.1-72.3W	Efficacy	146.2-161.5 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 to confirm the qualification status of a specific SKU prior to specification or purchase.

Electrical

Driver:

70W: Constant Current, Class 1, 120-277V, 50/60 Hz, 120V: 0.58A, 208V: 0.33A, 240V: 0.30A, 277V: 0.27A
60W: Constant Current, Class 1, 120-277V, 50/60 Hz, 120V: 0.49A, 208V: 0.28A, 240V: 0.26A, 277V: 0.23A
50W: Constant Current, Class 1, 120-277V, 50/60 Hz, 120V: 0.41A, 208V: 0.24A, 240V: 0.21A, 277V: 0.19A

Dimming Driver:

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

THD:

3.61% at 120V, 14.52% at 277V

Power Factor:

99.91% at 120V, 91.9% 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:

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 ft²
 2 Fixtures at 90°: 0.86 ft²
 2 Fixtures at 180°: 1.21 ft²
 3 Fixtures at 90°: 1.47 ft²
 4 Fixtures at 90°: 1.47 ft²

Effective Projected Area (EPA) (With Shield):

1 Fixture: 0.64 ft²
 2 Fixtures at 90°: 1.14 ft²
 2 Fixtures at 180°: 1.28 ft²
 3 Fixtures at 90°: 1.8 ft²
 4 Fixtures at 90°: 1.8 ft²

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.

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	70				/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) ¹ 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

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