



Color: Bronze

Weight: 8.8 lbs

| | |
|---------------------|--------------|
| Project: | Type: |
| Prepared By: | Date: |

| 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 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

3-Pin Receptacle with Shorting Cap:

ANSI C136.41 3-pin receptacle, compatible with wireless control systems

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)

Technical Specifications (continued)

Maximum Ambient Temperature:

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

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 (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.

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 | 150 | | | | /3PRS |
| | 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.