



Color: Bronze

Weight: 8.8 lbs

Project:	Type:
Prepared By:	Date:

Driver Info		LED Info	
Type	Constant Current	Watts	100/80/60W
120V	0.80A/0.64A/0.48A	Color Temp	3000/4000/5000K
208V	0.46A/0.37A/0.28A	Color Accuracy	81-83 CRI
240V	0.42A/0.33A/0.25A	L70 Lifespan	100,000 Hours
277V	0.36A/0.30A/0.22A	Lumens	8,986-15,364 lm
Input Watts	57.4-99.8W	Efficacy	145.8-163.2 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-QGNFMW (Outdoor Pole/Arm-Mounted Area and Roadway Luminaires)

DLC Product Code: S-W24J16 (Architectural Flood and Spot Luminaires)

Electrical

Driver:

100W: Constant Current, Class 1, 120-277V, 50/60 Hz, 120V: 0.80A, 208V: 0.46A, 240V: 0.42A, 277V: 0.36A
80W: Constant Current, Class 1, 120-277V, 50/60 Hz, 120V: 0.64A, 208V: 0.37A, 240V: 0.33A, 277V: 0.30A
60W: Constant Current, Class 1, 120-277V, 50/60 Hz, 120V: 0.48A, 208V: 0.28A, 240V: 0.25A, 277V: 0.22A

Dimming Driver:

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

THD:

2.82% at 120V, 10.18% at 277V

Power Factor:

99.9% at 120V, 93.5% at 277V

Surge Protection:

6kV

7-Pin Receptacle with Shorting Cap:

ANSI C136.41 7-pin receptacle, compatible with wireless control systems

Performance

Lifespan:

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

Construction

IES Classification:

The Type III distribution is ideal for roadway, general parking and other area lighting applications where a larger pool of lighting is required. It is intended to be located near the side of the area, allowing the light to project outward and fill the area.

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

Technical Specifications (continued)

Effective Projected Area (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 (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.

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.

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Installation

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.

Optical

BUG Rating:

B3 U0 G3

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.

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	-	3T	100				/7PRS
	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.