



Color: Bronze

Weight: 11.2 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	0.83A/0.67A/0.50A	Color Temp	3000/4000/5000K
208V	0.48A/0.38A/0.25A	Color Accuracy	80-84 CRI
240V	0.42A/0.33A/0.25A	L70 Lifespan	100,000 Hours
277V	0.72A/0.29A/0.22A	Lumens	9,023-14,537 lm
Input Watts	59.9-101W	Efficacy	130.3-161.5 lm/W

**Technical Specifications**

**Field Adjustability**

**Field Adjustable:**

Field Adjustable Light Output:  
100W/80W/60W (factory default: 100W)  
Color Temperature Selectable:  
3000K, 4000K and 5000K (factory default:4000K)

**Compliance**

**UL Listed:**

Suitable for wet locations. Suitable for mounting within 4 ft (1.2m) of the ground.

**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 IP66 for dust and water

**Trade Agreements Act Compliant:**

This product is a product of Cambodia and a "designated country" end product that complies with the Trade Agreements Act

**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-NSJQHH

**Performance**

**Lifespan:**

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

**Wattage Equivalency:**

100W: Replaces up to 400W Metal Halide (MH) or 310W High Pressure Sodium (HPS)  
80W: Replaces up to 350W Metal Halide (MH) or 250W High Pressure Sodium (HPS)  
60W: Replaces up to 250W Metal Halide (MH) or 200W High Pressure Sodium (HPS)

**Electrical**

**Driver:**

Constant Current, Class 1, 120-277V, 50/60 Hz:  
100W: 120V: 0.83A, 208V: 0.48A, 240V: 0.42A, 277V: 0.36A  
80W: 120V: 0.67A, 208V: 0.38A, 240V:0.33A, 277V: 0.29A  
60W: 120V: 0.5A, 208V: 0.29A, 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:**

3.25% at 120V, 5.82% at 277V

**Power Factor:**

99.7% at 120V, 94.5% at 277V

**7-Pin Receptacle with Shorting Cap:**

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

**Surge Protection:**

6kV

**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

## Technical Specifications (continued)

### Effective Projected Area:

- 1 Fixture: 0.3
- 2 Fixtures: 0.7
- 3 Fixtures: 1.2
- 4 Fixtures: 1.2

### Finish:

Formulated for high durability and long-lasting color

### Gaskets:

High-temperature silicone gaskets

### Green Technology:

Mercury and UV free. RoHS-compliant components.

## LED Characteristics

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### LEDs:

Long-life, high-efficacy, 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.

## Installation

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### Mounting:

Adjustable universal pole mount (standard).  
Slipfitter and wall mount accessory available.

## Optical

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### BUG Rating:

- Type 3
- 100W: B2 U0 G2
- 80W: B2 U0 G2
- 60W: B2 U0 G1

## Other

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### 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).

**Dimensions**



**Features**

- DLC Premium listed
- Adjustable Universal Pole Mount
- 7-Pin Receptacle with Shorting Cap
- IP66 Rated
- 100,000-Hour LED lifespan
- 5-Year, limited warranty

**Ordering Matrix**

Family	Optics	Wattage	Mounting	Color Temp	Finish	Driver	Options
A22	-	100					
	2T = Type II 4T = Type IV 5T = Type V Blank = Type III	70 = 70/60/50W 100 = 100/80/60W 150 = 150/120/100W 200 = 200/180/160W 320 = 320/280/250W	Blank = Universal Adjustable Pole Mount Blank = Universal Non-Adjustable Pole Mount	Blank = 3000/4000/5000K CCT Adjustable Y = 3000K	Blank = Bronze W = White B = Black	Blank = 120-277V, 0-10V Dimming /480 = 480V, 0-10V Dimming	Blank = 7-Pin Receptacle with Shorting Cap /MVS = 7-Pin Receptacle with Shorting Cap and Microwave Motion Sensor /LCBS = Lightcloud Blue w/PIR Sensor /LCBS/MVS = Lightcloud Blue w/MVS Sensor