



Color: Black

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	3000K
208V	0.48A/0.38A/0.25A	Temp	
240V	0.42A/0.33A/0.25A	Color Accuracy	82/82/83 CRI
277V	0.72A/0.29A/0.22A	L70	
Input Watts	94.7/77.1/58W	Lifespan	100,000 Hours
		Lumens	13,897/11,651/9,024 lm
		Efficacy	146.7/151.1/155.6 lm/W

## Technical Specifications

### Field Adjustability

#### Field Adjustable:

Field Adjustable Light Output:  
100W/80W/60W (factory default: 100W)

### 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 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](http://designlights.org) to confirm the qualification status of a specific SKU prior to specification or purchase.

### LUNA:

This product has received the Design Lights Consortium's LUNA listing. Designed to meet LUNA 5.1 requirements.  
LUNA Product Code: S-W6G8GX

### Performance

#### Lifespan:

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

#### THD:

3.18% at 120V, 6.03% at 277V

#### 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%.

#### Power Factor:

99.7% at 120V, 94.6% at 277V

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

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

#### Surge Protection:

6 kV

## Technical Specifications (continued)

### Optical

**IES Classification:**

The Type IV distribution (also known as a Forward Throw) is especially suited for mounting on the sides of buildings and walls, and for illuminating the perimeter of parking areas. It produces a semicircular distribution with essentially the same candlepower at lateral angles from 90° to 270°.

**BUG Rating:**

Type 4  
100W: B3 U0 G2  
80W: B2 U0 G2  
60W: B2 U0 G2

### LED Characteristics

**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.

### 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

**Housing:**

Die-cast aluminum

**Effective Projected Area (EPA):**

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.

### Installation

**Mounting:**

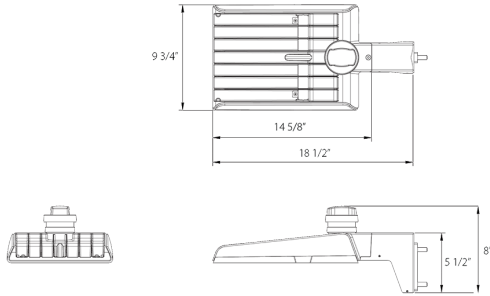
Non-Adjustable universal pole mount

### 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](http://rablighting.com/warranty).

## Dimensions



## Features

- DLC Premium listed
- Luna Listed
- Non-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	-	4T	100	Blank	Y	B	
	<b>2T</b> = Type II <b>4T</b> = Type IV <b>5T</b> = Type V <b>Blank</b> = Type III	<b>70</b> = 70/60/50W <b>100</b> = 100/80/60W <b>150</b> = 150/120/100W <b>200</b> = 200/180/160W <b>320</b> = 320/280/250W	<b>Blank</b> = Universal Adjustable Pole Mount <b>Blank</b> = Universal Non-Adjustable Pole Mount	<b>Blank</b> = 3000/4000/5000K CCT Adjustable <b>Y</b> = 3000K	<b>Blank</b> = Bronze <b>W</b> = White <b>B</b> = Black	<b>Blank</b> = 120-277V, 0-10V Dimming <b>/480</b> = 480V, 0-10V Dimming	<b>Blank</b> = 7-Pin Receptacle with Shorting Cap <b>/MVS</b> = 7-Pin Receptacle with Shorting Cap and Microwave Motion Sensor <b>/LCBS</b> = Lightcloud Blue w/PIR Sensor <b>/LCBS/MVS</b> = Lightcloud Blue w/MVS Sensor