



<b>Project:</b>	<b>Type:</b>
<b>Prepared By:</b>	<b>Date:</b>

Driver Info		LED Info	
Type	Constant	Watts	70/60/50W
120V	0.58A/0.50A/0.41A	Color Temp	3000K
208V	0.33A/0.29A/0.24A	Color Accuracy	83 CRI
240V	0.29A/0.25A/0.21A	L70 Lifespan	100,000 Hours
277V	0.25A/0.22A/0.18A	Lumens	11,181/9,794/8,104 lm
Input Watts	66.8/57.7/47.2W	Efficacy	167.4/169.7/171.7 lm/W

## Technical Specifications

### Field Adjustability

#### Field Adjustable:

Field Adjustable Light Output:  
70W/60W/50W (factory default: 70W)

### 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-35YGMW

### Performance

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

### THD:

3.91% at 120V, 9.37% at 277V

### Wattage Equivalency:

70W: Replaces up to 350W Metal Halide (MH) or 200W High Pressure Sodium (HPS)  
60W: Replaces up to 250W Metal Halide (MH) or 200W High Pressure Sodium (HPS)  
50W: Replaces up to 200W Metal Halide (MH) or 150W High Pressure Sodium (HPS)

### Electrical

#### Driver:

Constant Current, Class 1, 120-277V, 50/60 Hz:  
70W: 120V: 0.58A, 208V: 0.33A, 240V: 0.29, 277V: 0.25A  
60W: 120V: 0.50A, 208V: 0.29A, 240V: 0.25, 277V: 0.22A  
50W: 120V: 0.41A, 208V: 0.24A, 240V: 0.21A, 277V: 0.18A

#### 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% 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 II distribution is ideal for wide walkways, on ramps and entrance roadways, bike paths and other long and narrow lighting applications. This type is meant for lighting larger areas and usually is located near the roadside. This type of lighting is commonly found on smaller side streets or jogging paths.

**BUG Rating:**

Type 2  
70W: B2 U0 G2  
60W: B2 U0 G2  
50W: B2 U0 G1

### 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	-	2T	70	Blank	Y	W	
	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