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

| Driver Info |                   | LED Info       |                         |
|-------------|-------------------|----------------|-------------------------|
| Type        | Constant          | Watts          | 200/180/160W            |
| 120V        | 1.67A/1.50A/1.33A | Color          | 3000K                   |
| 208V        | 0.96A/0.87A/0.77A | Temp           |                         |
| 240V        | 0.83A/0.75A/0.67A | Color Accuracy | 82 CRI                  |
| 277V        | 0.72A/0.65A/0.58A | L70 Lifespan   | 100,000 Hours           |
| Input Watts | 188/172/152.9W    | Lumens         | 28,037/26,098/23,658 lm |
|             |                   | Efficacy       | 149.1/151.7/154.7 lm/W  |

## Technical Specifications

### Field Adjustability

#### Field Adjustable:

Field Adjustable Light Output:  
200W/180W/160W (factory default: 200W)

### 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-CLH3P5

### Performance

#### Lifespan:

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

#### THD:

3.3% at 120V, 4.44% at 277V

#### Wattage Equivalency:

200W: Replaces up to 750W Metal Halide (MH) or 400W High Pressure Sodium (HPS)  
180W: Replaces up to 750W Metal Halide (MH) or 400W High Pressure Sodium (HPS)  
160W: Replaces up to 750W Metal Halide (MH) or 400W High Pressure Sodium (HPS)

### Electrical

#### Driver:

Constant Current, Class 1, 120-277V, 50/60 Hz:  
200W: 120V: 1.67A, 208V: 0.96A, 240V: 0.83A, 277V: 0.72A  
180W: 120V: 1.5A, 208V: 0.87A, 240V: 0.75A, 277V: 0.65A  
100W: 120V: 1.33A, 208V: 0.77A, 240V: 0.67A, 277V: 0.58A

#### 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:

99.9% at 120V, 96.5% at 277V

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

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

#### Surge Protection:

6 kV

### 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

## Technical Specifications (continued)

### BUG Rating:

Type 5  
200W: B5 U0 G3  
180W: B4 U0 G2  
160W: B4 U0 G2

### 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.

### Construction

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#### 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: 0.4  
2 Fixtures: 0.8  
3 Fixtures: 1.4  
4 Fixtures: 1.4

#### Finish:

Formulated for high durability and long-lasting color

#### Gaskets:

High-temperature silicone gaskets

#### Green Technology:

Mercury and UV free. RoHS-compliant components.

### Installation

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#### Mounting:

Non-Adjustable universal pole mount

### Other

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