



Color: Bronze

Weight: 13.0 lbs

| | |
|---------------------|--------------|
| Project: | Type: |
| Prepared By: | Date: |

| 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 | |
| Input Watts | 188/172/152.9W | Lifespan | 100,000 Hours |
| | | 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 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

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: 0.4
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

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.

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 | | |
| | 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 |