



Color: Bronze

Weight: 15.7 lbs

Project:

Type:

Prepared By:

Date:

Driver Info

|             |                  |
|-------------|------------------|
| Type        | Constant Current |
| 120V        | N/A              |
| 208V        | N/A              |
| 240V        | N/A              |
| 277V        | N/A              |
| Input Watts | 191-301.4W       |

LED Info

|                |                  |
|----------------|------------------|
| Watts          | 300/240/200W     |
| Color Temp     | 3000/4000/5000K  |
| Color Accuracy | 83-86 CRI        |
| L70 Lifespan   | 100,000 Hours    |
| Lumens         | 31289-47198 lm   |
| Efficacy       | 144.5-176.8 lm/W |

Technical Specifications

Field Adjustability

Field Adjustable:

Field Adjustable Light Output:  
300W/240W/200W (factory default 300W)  
Color temperature selectable by 3000K, 4000K and 5000K (factory default 4000K)  
Distribution selectable by Type III, Type IV, and Type V (factory default Type III)

Compliance

UL Listed:

Suitable for wet locations

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

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-VGDW5W (Architectural Flood and Spot Luminaires)  
DLC Product Code: S-9BB2ZY (Outdoor Pole/Arm-Mounted Area and Roadway Luminaires)

Performance

Lifespan:

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

Electrical

Driver:

Constant Current, Class1, 480V, 50/60 Hz:  
300W: 480V: 0.70A  
240W: 480V: 0.55A  
200W: 480V: 0.45A

Dimming Driver:

Driver includes dimming control wiring for 0-10V dimming systems. Requires separate 0-10V DC dimming circuit. Dims down to 10%.

THD:

12.5% at 480V

Power Factor:

96.7% at 480V

Aux Power Supply:

Yes

Dim to Off:

Yes

Surge Protection:

L/N-PE: 6 kV, L-N: 6 kV

7-Pin Receptacle with Shorting Cap:

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

Photocell:

480V 3-Pin Twistlock photocell included. Photocell is only compatible with 480V.

Construction

IES Classification:

Type III/IV/V Distribution Adjustable:  
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.  
The Type IV distribution (also known as a Forward Throw) is especially suited for illuminating the perimeter of parking areas and for intersections. It produces a semicircular distribution with essentially the same candlepower at lateral angles from 90° to 270°.  
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

Cold Weather Starting:

The minimum starting temperature is -40°F (-40°C)

## Technical Specifications (continued)

**Maximum Ambient Temperature:**

Suitable for use in up to 122°F (50°C)

**Lens:**

Clear polycarbonate lens

**Housing:**

Die-cast aluminum

**Vibration Rating:**

3G vibration rating per ANSI C136.31

**Effective Projected Area:**

1 fixture: 0.87 ft<sup>2</sup>

2 fixtures at 90°: 1.26 ft<sup>2</sup>

2 fixtures at 180°: 1.75 ft<sup>2</sup>

3 fixtures at 90°: 2.13 ft<sup>2</sup>

4 fixtures at 90°: 2.13 ft<sup>2</sup>

**Finish:**

Formulated for high durability and long-lasting color

**Gaskets:**

High-temperature silicone

**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:**

B3-U0-G3

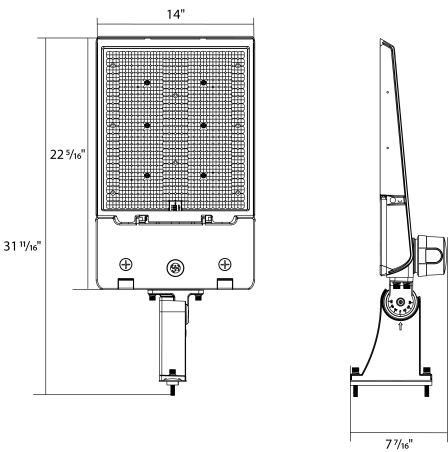
### Other

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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
- 100,000-hour LED Life
- 0-10V dimming standard
- 5-Year, limited warranty

Ordering Matrix

| Family | Distribution                       | Wattage                                 | Mounting                                | Color Temp                             | Finish                      | Driver                                                        | Options                                                                |
|--------|------------------------------------|-----------------------------------------|-----------------------------------------|----------------------------------------|-----------------------------|---------------------------------------------------------------|------------------------------------------------------------------------|
| AL22   |                                    | 300                                     |                                         |                                        |                             | /480                                                          |                                                                        |
|        | Blank = T3/T4/T5 Optics Adjustable | 150 = 150/100/80W<br>300 = 300/240/200W | Blank = Universal Adjustable Pole Mount | Blank = 3000/4000/5000K CCT Adjustable | Blank = Bronze<br>W = White | Blank = 120-277V, 0-10V Dimming<br>/480 = 480V, 0-10V Dimming | Blank = 7-Pin Receptacle with Shorting Cap + 3-Pin Twistlock Photocell |