

Color: Roadway gray

Weight: 60.3 lbs

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

Driver Info

LED Info

|             |                                                 |                |                                  |
|-------------|-------------------------------------------------|----------------|----------------------------------|
| Type        | Constant Current                                | Watts          | 900/810/720/630/540/450/360/225W |
| 120V        | 7.44A/6.84A/6.07A/5.27A/4.49A/3.82A/3.08A/1.99A | Color Temp     | 5000K                            |
| 208V        | 4.29A/3.95A/3.50A/3.04A/2.59A/2.20A/1.78A/1.15A | Color Accuracy | 73 CRI                           |
| 240V        | 3.72A/3.42A/3.04A/2.64A/2.25A/1.91A/1.54A/1.00A | L70 Lifespan   | 100,000 Hours                    |
| 277V        | 3.28A/3.04A/2.73A/2.43A/2.12A/1.86A/1.60A/1.21A | Lumens         | 41743-132068 lm                  |
| Input Watts | 234.2-891.1W                                    | Efficacy       | 148.2-178.2 lm/W                 |

Technical Specifications

Field Adjustability

Field Adjustable:

Field Adjustable Light Output:  
900/810/720/630/540/450/360/225W (factory default 900W)  
Rotatable Optics: 165° L/R) and 0-5° tilt

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

Optical

IES Classification:

The Type I distribution lighting classification defines a narrow, symmetrical two-way light pattern. It is designed to mount in the center of a narrow path or roadway and project light evenly in two opposite directions (up and down the path)

BUG Rating:

B5 U0 G5

LED Characteristics

LEDs:

Long-life, high-efficacy, surface-mount LEDs

Color Stability:

LED color temperature is warrantied to Shift no more than 200K in color temperature over a 5-year period

Performance

Lifespan:

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

Electrical

Driver:

Constant Current, Class 1, Class P, 120-277V, 50/60 Hz:  
900W: 120V: 9.0A, 208V: 4.4A, 240V: 3.8A, 277V: 3.4A  
810W: 120V: 7.0A, 208V: 4.0A, 240V: 3.5A, 277V: 3.1A  
720W: 120V: 6.2A, 208V: 3.6A, 240V: 3.1A, 277V: 2.8A  
630W: 120V: 5.4A, 208V: 3.1A, 240V: 2.8A, 277V: 2.5A  
540W: 120V: 4.6A, 208V: 2.7A, 240V: 2.4A, 277V: 2.2A  
450W: 120V: 3.9A, 208V: 2.3A, 240V: 2.1A, 277V: 1.9A  
360W: 120V: 3.1A, 208V: 1.9A, 240V: 1.8A, 277V: 1.6A  
225W: 120V: 2.0A, 208V: 1.3A, 240V: 1.3A, 277V: 1.2A

Dimming Driver:

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

Aux Power Supply:

Yes

Dim to Off:

Yes

## Technical Specifications (continued)

### Surge Protection:

20 kV

### 7-Pin Receptacle with Shorting Cap:

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

## Construction

### Cold Weather Starting:

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

### Maximum Ambient Temperature:

Suitable for use in up to 113°F (45°C)

### IK Rating:

IK08 Protected against 5 joules of impact. Equivalent to the impact of a 3.75 lbs. (1.7kg) mass dropped from 11.8" (300mm) above the impacted surface.

### Effective Projected Area (EPA):

1.64 ft<sup>2</sup>

### Housing:

Die-cast aluminum

### Lens:

High-transmittance polystyrene

### Gaskets:

High-temperature silicone

### Vibration Rating:

3G vibration rating per ANSI C136.31

### Tilt Increment:

Rotates in 1 degree increments

### Finish:

Formulated for high durability and long-lasting color

## Installation

### Mounting:

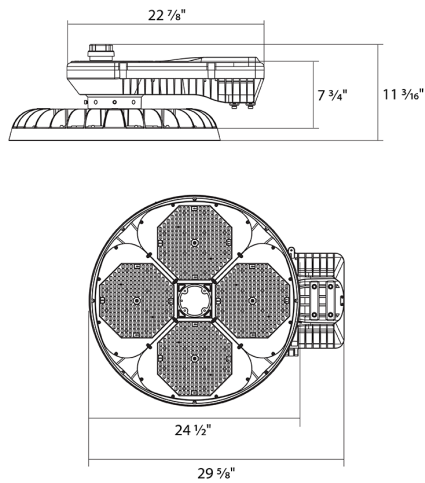
Fits existing infrastructure: Mounts to 1-5/8" to 2-3/8" pipe arms on 50 to 130 ft poles

## 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

- 100,000-Hour LED lifespan
- DLC Premium
- 0-10V Dimming
- IP66 Rating protects against dust & water ingress
- Industry-leading 3G vibration rating per ANSI C136.31
- 5-Year, limited warranty

Ordering Matrix

| Family                                                                      | Distribution | Wattage                                                                          | Mounting                      | Color Temp                 | Finish                              | Driver                                                            | Controls                                   |
|-----------------------------------------------------------------------------|--------------|----------------------------------------------------------------------------------|-------------------------------|----------------------------|-------------------------------------|-------------------------------------------------------------------|--------------------------------------------|
| TM                                                                          | -            | 1T                                                                               | 900                           |                            | RG                                  |                                                                   |                                            |
| 1T = Type I<br>2T = Type II<br>3T = Type III<br>4T = Type IV<br>5T = Type V |              | 600 = 600/540/480/420/360/300/240/150W<br>900 = 900/810/720/630/540/450/360/225W | Blank = Adjustable Pole Mount | Blank = 5000K<br>N = 4000K | Blank = Bronze<br>RG = Roadway Gray | Blank = 120-277V, 0-10V Dimming<br>/480 = 200-480V, 0-10V Dimming | Blank = 7-Pin Receptacle with Shorting Cap |