

Color: Roadway gray

Weight: 60.3 lbs

Project:

Type:

Prepared By:

Date:

Driver Info

|             |                                                 |
|-------------|-------------------------------------------------|
| Type        | Constant Current                                |
| 120V        | 5.06A/4.60A/4.11A/3.56A/3.04A/2.57A/1.97A/1.33A |
| 208V        | 2.92A/2.65A/2.37A/2.05A/1.76A/1.48A/1.36A/1.07A |
| 240V        | 2.53A/2.30A/2.05A/1.78A/1.52A/1.28A/1.18A/0.93A |
| 277V        | 2.23A/2.04A/1.84A/1.63A/1.43A/1.24A/1.02A/0.80A |
| Input Watts | 158.5-604.3W                                    |

LED Info

|                |                                  |
|----------------|----------------------------------|
| Watts          | 600/540/480/420/360/300/240/150W |
| Color Temp     | 5000K                            |
| Color Accuracy | 73 CRI                           |
| L70 Lifespan   | 100,000 Hours                    |
| Lumens         | 27833-91745 lm                   |
| Efficacy       | 151.8-175.7 lm/W                 |

Technical Specifications

Field Adjustability

Field Adjustable:

Field Adjustable Light Output:  
600/540/480/420/360/300/240/150W (factory default 600W)  
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 IESIm-80 results and TM-21 calculations

Electrical

Driver:

Constant Current, Class 1, Class P, 120-277V, 50/60 Hz:  
600W: 120V: 6.0A, 208V: 2.9A, 240V: 2.6A, 277V: 2.3A  
540W: 120V: 4.5A, 208V: 2.6A, 240V: 2.3A, 277V: 2.0A  
480W: 120V: 4.1A, 208V: 2.4A, 240V: 2.1A, 277V: 1.8A  
420W: 120V: 3.6A, 208V: 2.1A, 240V: 1.8A, 277V: 1.6A  
360W: 120V: 3.0A, 208V: 1.8A, 240V: 1.6A, 277V: 1.4A  
300W: 120V: 2.6A, 208V: 1.6A, 240V: 1.4A, 277V: 1.3A  
240W: 120V: 2.0A, 208V: 1.2A, 240V: 1.1A, 277V: 1.0A  
150W: 120V: 1.3A, 208V: 0.9A, 240V: 0.8A, 277V: 0.8A

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:

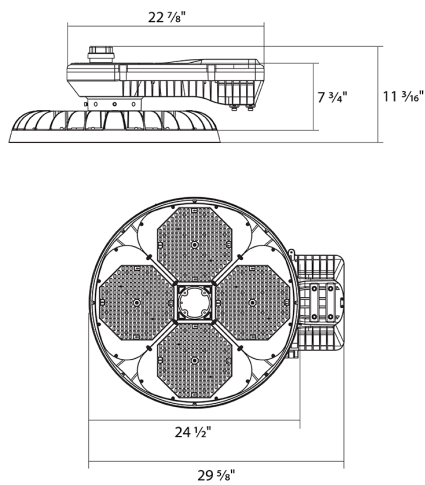
Fits existing infrastructure: Mounts to 1-5/8" to 2-3/8" pipe arms on 50 to 130 ft poles

## 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                                                                               | 600                              |                               | 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<br>Pole Mount | Blank =<br>5000K<br>N = 4000K | Blank = Bronze<br>RG = Roadway<br>Gray | Blank = 120-277V,<br>0-10V Dimming<br>/480 = 200-480V,<br>0-10V Dimming | Blank = 7-Pin<br>Receptacle with<br>Shorting Cap |