

Color: Roadway gray

Weight: 60.3 lbs

Project:	Type:
Prepared By:	Date:

Driver Info

LED Info

Type	Constant Current	Watts	600/540/480/420/360/300/240/150W
120V	5.05A/4.60A/4.11A/3.52A/3.05A/2.57A/1.98A/1.33A	Color Temp	5000K
208V	2.92A/2.66A/2.37A/2.03A/1.76A/1.48A/1.36A/1.07A	Color Accuracy	73 CRI
240V	2.53A/2.30A/2.06A/1.76A/1.52A/1.29A/1.18A/0.93A	L70 Lifespan	100,000 Hours
277V	2.24A/2.06A/1.86A/1.62A/1.43A/1.25A/1.02A/0.81A	Lumens	27513-90296 lm
Input Watts	158.7-604.2W	Efficacy	149.4-173.4 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 to confirm the qualification status of a specific SKU prior to specification or purchase.

Optical

IES Classification:

The Type II distribution is meant for lighting large areas, located by the roadside. Typically found on wide walkways, on ramps, entrance roadways and bike paths.

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:
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 ft²

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

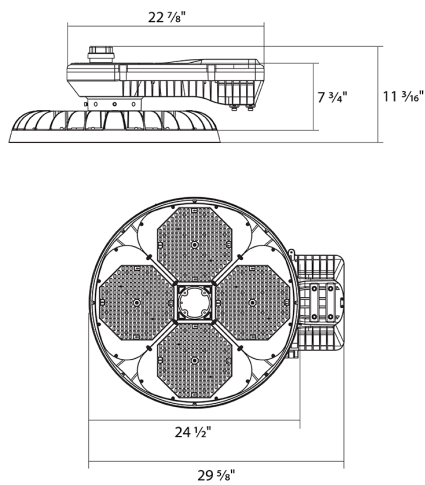
Installation**Mounting:**

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.

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	-	2T	600		RG		
1T = Type I 2T = Type II 3T = Type III 4T = Type IV 5T = Type V		600 = 600/540/480/420/360/300/240/150W 900 = 900/810/720/630/540/450/360/225W	Blank = Adjustable Pole Mount	Blank = 5000K N = 4000K	Blank = Bronze RG = Roadway Gray	Blank = 120-277V, 0-10V Dimming /480 = 200-480V, 0-10V Dimming	Blank = 7-Pin Receptacle with Shorting Cap