

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/6.08A/5.28A/4.50A/3.82A/3.08A/2.01A	Color Temp	5000K
208V	4.29A/3.95A/3.51A/3.05A/2.59A/2.20A/1.78A/1.16A	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/2.74A/2.44A/2.13A/1.85A/1.59A/1.22A	Lumens	41126-128910 lm
Input Watts	235.8-891.3W	Efficacy	144.6-174.4 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 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 IESIm-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 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:

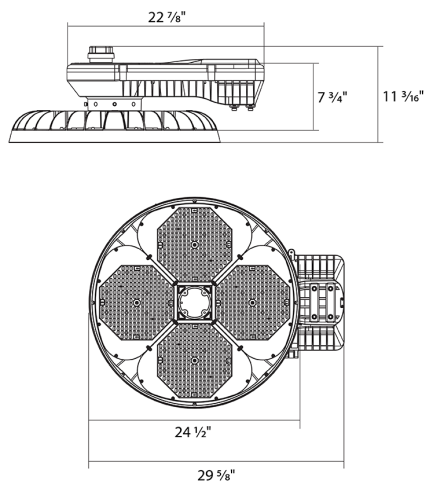
Fits existing infrastructure: Mounts to 1-5/8" to 2-3/8" pipe arms on 50 to 130 ft poles

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	900		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