



Project:	Type:
Prepared By:	Date:

Driver Info		LED Info	
Type	Constant Current	Watts	260W
120V	2.20A	Color	4000K (Neutral)
208V	1.25A	Temp	
240V	1.10A	Color Accuracy	84 CRI
277V	0.94A	L70 Lifespan	100,000 Hours
Input Watts	170.3/225.8/267.3W	Lumens	27332/35033/40427 lm
		Efficacy	160.5/155.1/151.2 lm/W

Technical Specifications

Field Adjustability

Field Adjustable (Wattage):

Field adjustable light output in 3 discrete steps:
Large Housing: 260W/220W/170W (factory default 260W)

Compliance

UL Listed:

Suitable for wet locations

IP Rating:

Ingress protection rating of IP66 for dust and water

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.

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-QGRUAY

LED Characteristics

LEDs:

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

Color Consistency:

7-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color

Color Stability:

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

Color Uniformity:

RAB's range of Correlated Color Temperature follows the guidelines of the American National Standard for (SSL) Products, ANSI C78.377-2017.

Electrical

Driver:

170W: Constant Current, Non-Class 2, 120-277V, 50/60 Hz, 120V: 1.42A, 208V: 0.82A, 240V: 0.71A, 277V: 0.62A

220W: Constant Current, Non-Class 2, 120-277V, 50/60 Hz, 120V: 1.84A, 208V: 1.01A, 240V: 0.92A, 277V: 0.80A

260W: Constant Current, Non-Class 2, 120-277V, 50/60 Hz, 120V: 2.20A, 208V: 1.25A, 240V: 1.10A, 277V: 0.94A

Dimming Driver:

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

THD:

2.37% at 120V, 4.96% at 277V

Power Factor:

99.9% at 120V, 96.6% at 277V

Surge Protection:

Line to Line: 10kV
Line to Ground: 6kV

Performance

Lifespan:

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

Wattage Equivalency:

Equivalent to 1,000W Metal Halide

Construction

IES Classification:

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°C (-40°F)

Technical Specifications (continued)

Ambient Temperature :

Max Power Temp Rating: 40°C (104°F)
Middle Power Temp Rating: 43°C (110°F)
Low Power Temp Rating: 51°C (125°F)

Housing:

Die-cast aluminum

Tilt Increment:

Rotates in 5 degree increments

Lens:

Polycarbonate lens

Reflector:

Aluminum reflector with white polycarbonate

Vibration Rating:

3G vibration rating per ANSI C136.31

Effective Projected Area:

1 Fixture: 0.65
2 Fixtures at 90°: 1.02
2 Fixtures at 180°: 1.31
3 Fixtures at 90°: 1.68
4 Fixtures at 90°: 1.68

Gaskets:

High-temperature silicone gaskets

Finish:

Formulated for high durability and long-lasting color

Green Technology:

Mercury and UV free. RoHS-compliant components.

Installation

Mounting:

2 3/8" slipfitter mount with stainless steel hardware

Optical

Bug Rating:

260W: B5 U0 G3
220W: B5 U0 G3
170W: B5 U0 G3

Other

Warranty:

RAB warrants that our LED products will be free from defects in materials and workmanship for a period of ten (10) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish. RAB's warranty is subject to all terms and conditions found at rablighting.com/warranty.

Dimensions



Features

- 0-10V dimmable standard
- IP66 Rated
- 100,000-Hour LED lifespan
- 10-Year, No-Compromise Warranty

Ordering Matrix

Family	Housing Size	Distribution	Mounting	Color Temp	Finish	Driver	Options
ALED	L	5T	SF	N	W		
	M = Medium (150W/90W/78W) L = Large (260W/220W/170W) XL = Extra Large (385W/345W/300W) S = Small (80W/60W/40W)	2T = Type II 3T = Type III 4T = Type IV 5T = Type V AT = Auto Dealership Optic	Blank = Universal Pole Mount SF = Slipfitter WM = Wall Mount	Blank = 5000K Cool Y = 3000K Warm ¹ N = 4000K Neutral	Blank = Bronze W = White B = Black	Blank = 120-277V, 0-10V Dimming /480 = 480V, 0-10V Dimming	Blank = No Option /7PR = 7 Pin Twistlock Receptacle /WS2 = Wattstopper, 20ft lens /WS4 = Wattstopper, 40ft lens ³

¹ Dark sky approved in 3000K, available only on Small and Medium fixtures

² 480V available only on Medium, Large & Extra Large fixtures

³ Wattstopper option available only on Large & Extra Large fixtures