



Color: Black

Weight: 17.8 lbs

Project:

Type:

Prepared By:

Date:

Driver Info

Type	Constant Current
120V	1.25A
208V	0.73A
240V	0.63A
277V	0.55A
Input Watts	90.1/73.8W

LED Info

Watts	90/78W
Color Temp	Amber
Color Accuracy	N/A
L70 Lifespan	100,000 Hours
Lumens	7,659/6,810 lm
Efficacy	85.0/92.3 lm/W

Technical Specifications

Field Adjustability

Field Adjustable (Wattage):

Field adjustable light output in 2 discrete steps:
Medium Housing: 90W/78W (factory default 90W)

Compliance

UL Listed:

Suitable for wet locations

IP Rating:

Ingress protection rating of IP66 for dust and water

LED Characteristics

LEDs:

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

Electrical

Driver:

78W: Constant Current, Class 2, 120-277V, 50/60 Hz,
120V: 0.65A, 208V: 0.38A, 240V: 0.33A, 277V: 0.29A

90W: Constant Current, Class 2, 120-277V, 50/60 Hz,
120V: 0.75A, 208V: 0.44A, 240V: 0.38A, 277V: 0.33A

150W: Constant Current, Non-Class 2, 120-277V,
50/60 Hz, 120V: 1.25A, 208V: 0.73A, 240V: 0.63A,
277V: 0.55A

Dimming Driver:

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

THD:

5.53% at 120V, 12.07% at 277V

Power Factor:

99.8% at 120V, 89.9% at 277V

Surge Protection:

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

7-Pin Receptacle:

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

Performance

Lifespan:

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

Wattage Equivalency:

Equivalent to 400W Metal Halide

Construction

IES Classification:

The Type IV distribution is especially suited for mounting on the sides of buildings and walls, and for illuminating the perimeter of parking areas. It produces a semicircular distribution with essentially the same candlepower at lateral angles from 90° to 270°.

Cold Weather Starting:

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

Ambient Temperature :

Max Power Temp Rating: 40°C (104°F)
Middle Power Temp Rating: 52°C (125°F)
Low Power Temp Rating: 54°C (130°F)

Housing:

Die-cast aluminum

Mounting:

2 3/8" slipfitter mount with stainless steel hardware

Tilt Increment:

Rotates in 5 degree increments

Lens:

Polycarbonate lens

Technical Specifications (continued)

Reflector:

Aluminum reflector with white polycarbonate

Vibration Rating:

3G vibration rating per ANSI C136.31

Gaskets:

High-temperature silicone gaskets

Finish:

Formulated for high durability and long-lasting color

Green Technology:

Mercury and UV free. RoHS-compliant components.

Optical**BUG Rating:**

BUG Rating 150W: B2 U0 G4

BUG Rating 90W: B1 U0 G3

Bug Rating 78W: B1 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.

Buy American Act Compliance:

RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.

Dimensions



Features

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

Ordering Matrix

Family	Housing Size	Distribution	Mounting	Wavelength	Finish	Voltage	Options
ALED	M	4T	SF	YA	B		/7PR
	S = Small (60W/40W) M = Medium (90W/78W)	2T = Type II ¹ 3T = Type III 4T = Type IV ¹ 5T = Type V AT = Auto Dealership Optic ¹	Blank = Universal Pole Mount SF = Slipfitter WM = Wall Mount	YA = Amber	Blank = Bronze W = White ¹ B = Black ¹	Blank = 120-277V, 0-10V Dimming /480 = 480V, 0-10V Dimming ²	/7PR = 7 Pin Twistlock Receptacle Blank = No Option

¹ Special order.

² 480V is only available in ALED Medium.