



Project:	Type:
Prepared By:	Date:

Driver Info		LED Info	
Type	Constant Current	Watts	90/78W
120V	N/A	Color Temp	Amber
208V	N/A	Color Accuracy	N/A
240V	N/A	L70 Lifespan	100,000 Hours
277V	N/A	Lumens	7,784/6,913 lm
Input Watts	91.6/74.4W	Efficacy	85.0/92.9 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, 480V, 50/60 Hz, 480V:0.20A

90W: Constant Current, Class 2, 480V, 50/60 Hz, 480V:0.23A

150W: Constant Current, Non-Class 2, 480V, 50/60 Hz, 480V: 0.32A

Dimming Driver:

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

THD:

17.19% at 480V

Power Factor:

89.9% at 480V

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 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

Lens:

Polycarbonate lens

Reflector:

Aluminum reflector with white polycarbonate

Vibration Rating:

3G vibration rating per ANSI C136.31

Effective Projected Area:

EPA = 0.35

Gaskets:

High-temperature silicone gaskets

Finish:

Formulated for high durability and long-lasting color

Technical Specifications (continued)

Green Technology:

Mercury and UV free. RoHS-compliant components.

Installation

Mounting:

Wall mount

Sensor Specifications

Multi Level Motion Sensor:

/WS2 sensor options use state-of-the-art surface mount technology (SMT), just like cellular phones and beepers. SMT gives you more reliability, greater RF immunity. This compact sensor that can fit neatly where others cannot. This sensor technology automatically affects the state of operation for lighting systems or individual luminaries based upon detecting the presence or absence of movement for both people as they exit/enter, or for the motion of moving vehicles within the sensors viewing area. The wide 180° viewing angle can detect movement along the entire side of a building with only one compact sensor. The hard lens is molded as part of the case, vandalproof, rainproof, bugproof and absolutely sealed. Sensor functions best when movement is across its detection pattern, not towards the sensor.

Optical

Bug Rating:

BUG Rating 150W: B2 U0 G3

BUG Rating 90W: B1 U0 G3

BUG Rating 78W: B1 U0 G3

BUG Rating:

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	WM	YA	W	/480	/WS2
	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.