



<b>Project:</b>	<b>Type:</b>
<b>Prepared By:</b>	<b>Date:</b>

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	6,923/6,149 lm
Input Watts	90.0/73.1W	Efficacy	76.9/84.1 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:**

17.8% at 480V

**Power Factor:**

89.8% 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 II distribution is meant for lighting large areas, located by the roadside. Typically found on wide walkways, on ramps, entrance roadways and bike paths.

**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:**

Universal mounting arm compatible for hole spacing patterns from 1" to 5 1/2" center to center. Round Pole Adaptor plate included as a standard. Easy slide and lock to mount fixture with ease.

**Lens:**

Polycarbonate lens

**Reflector:**

Aluminum reflector with white polycarbonate

**Vibration Rating:**

3G vibration rating per ANSI C136.31

**Effective Projected Area:**

EPA = 0.34

**Gaskets:**

High-temperature silicone gaskets

## Technical Specifications (continued)

### Finish:

Formulated for high durability and long-lasting color

### Green Technology:

Mercury and UV free. RoHS-compliant components.

## 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 luminaires 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 90W: B2 U0 G1

BUG Rating 78W: B2 U0 G1

## 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](http://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	2T		YA	W	/480	/WS2
	S = Small (60W/40W) M = Medium (90W/78W)	2T = Type II <sup>1</sup> 3T = Type III 4T = Type IV <sup>1</sup> 5T = Type V AT = Auto Dealership Optic <sup>1</sup>	Blank = Universal Pole Mount SF = Slipfitter WM = Wall Mount	YA = Amber	Blank = Bronze W = White <sup>1</sup> B = Black <sup>1</sup>	Blank = 120-277V, 0-10V Dimming /480 = 480V, 0-10V Dimming <sup>2</sup>	/7PR = 7 Pin Twistlock Receptacle Blank = No Option

<sup>1</sup> Special order.

<sup>2</sup> 480V is only available in ALED Medium.