



Color: Bronze

Weight: 14.7 lbs

Project:

Type:

Prepared By:

Date:

**Driver Info**

**LED Info**

Type	Constant Current	Watts	80W
120V	0.67A	Color Temp	5000K (Cool)
208V	0.40A	Color Accuracy	82/82/81 CRI
240V	0.34A	L70 Lifespan	100,000 Hours
277V	0.30A	Lumens	5812/8081/10917 lm
Input Watts	40.3/58.0/82.1W	Efficacy	144.2/139.3/133.0 lm/W

**Technical Specifications**

**Field Adjustability**

**Field Adjustable (Wattage):**

Field adjustable light output in 3 discrete steps:  
Small Housing: 80W/60W/40W (factory default 80W)

**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-IKLRAN

**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 warrantied 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:**

40W: Constant Current, Class 2, 120-277V, 50/60 Hz, 120V: 0.34A, 208V: 0.20A, 240V: 0.17A, 277V: 0.15A

60W: Constant Current, Class 2, 120-277V, 50/60 Hz, 120V: 0.50A, 208V: 0.30A, 240V: 0.25A, 277V: 0.22A

80W: Constant Current, Class 2, 120-277V, 50/60 Hz, 120V: 0.67A, 208V: 0.40A, 240V: 0.34A, 277V: 0.30A

**Dimming Driver:**

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

**THD:**

1.94% at 120V, 7% 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 250W 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)

## Technical Specifications (continued)

**Ambient Temperature :**

Max Power Temp Rating: 40°C (104°F)  
Middle Power Temp Rating: 52°C (125°F)  
Low Power Temp Rating: 58°C (137°F)

**Housing:**

Die-cast aluminum

**Tilt Increment:**

Rotates in 5 degree increments

**Reflector:**

Aluminum reflector with white polycarbonate

**Vibration Rating:**

3G vibration rating per ANSI C136.31

**Effective Projected Area:**

1 Fixture: 0.39  
2 Fixtures at 90°: 0.62  
2 Fixtures at 180°: 0.79  
3 Fixtures at 90°: 1.01  
4 Fixtures at 90°: 1.01

**Gaskets:**

High-temperature silicone gaskets

**Finish:**

Formulated for high durability and long-lasting color

**Green Technology:**

Mercury and UV free. RoHS-compliant components.

**Installation**

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**Mounting:**

2 3/8" slipfitter mount with stainless steel hardware

**Optical**

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**Bug Rating:**

80W: B3 U0 G1  
60W: B2 U0 G1  
40W: B2 U0 G1

**Other**

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**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).

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

<sup>1</sup> Dark sky approved in 3000K, available only on Small and Medium fixtures

<sup>2</sup> 480V available only on Medium, Large & Extra Large fixtures

<sup>3</sup> Wattstopper option available only On Large & Extra Large fixtures