



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

Driver Info		LED Info	
Type	Constant Current	Watts	78W
120V	0.66A	Color Temp	4000K (Neutral)
208V	N/A	Color Accuracy	72 CRI
240V	N/A	L70 Lifespan	100,000 Hours
277V	N/A	Lumens	8,941 lm
Input Watts	75.9W	Efficacy	117.8 lm/W

**Technical Specifications**

**Electrical**

**Driver:**  
Constant Current, Class 2, 2000mA, 100-277V, 50-60Hz, 1.1A, Power Factor 99%

**THD:**  
5.2% at 120V, 13.6% at 277V

**Power Factor:**  
99.5% at 120V, 93.7% at 277V

**Photocell:**  
120V Swivel photocell included. Photocell is only compatible with 120V.

**Surge Protection:**  
4kV

**Compliance**

**DLC Listed:**  
This product is on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities. DLC Product Code: P0000179U

**UL Listed:**  
Suitable for wet locations as a downlight

**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.

**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 III distribution is ideal for roadway, general parking, and other area lighting applications where a larger pool of lighting is required. It is intended to be located near the side of the area, allowing the light to project outward and fill the area.

**Ambient Temperature:**  
Suitable for use in up to 40°C (104°F)

**Cold Weather Starting:**  
The minimum starting temperature is -40°C (-40°F)

**Thermal Management:**  
Superior heat sinking with external Air-Flow fins

**Lens:**  
Tempered glass lens

**Housing:**  
Die-cast aluminum housing, lens frame and mounting arm

**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. Round pole diameter must be >4" to mount fixtures at 90° orientation.

**Reflector:**  
Specular vacuum-metallized polycarbonate

**Gaskets:**  
High-temperature silicone gaskets

**EPA:**  
1 Fixture: 0.75  
2 Fixtures at 90°: 1.2  
2 Fixtures at 180°: 2.4  
3 Fixtures at 90°: 2.4  
4 Fixtures at 90°: 1.8

**Finish:**  
Formulated for high durability and long-lasting color

## Technical Specifications (continued)

### Green Technology:

Mercury and UV free. RoHS-compliant components.

### LED Characteristics

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#### LEDs:

Six (6) multi-chip, 13W, high-output, long-life LEDs

#### Color Consistency:

3-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 Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2017.

### Other

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#### Patents:

The ALED design is protected by patents in the U.S. Pat. 668,370, Canada Pat. 144956, China ZL201230100154.X, and Mexico Pat. 38423. Pending patents in Taiwan.

#### 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.

### Optical

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#### BUG Rating:

B1 U0 G2

## Dimensions



## Features

- 66% energy cost savings vs. HID
- 100,000-hour LED lifespan
- 5-Year, No-Compromise Warranty

## Ordering Matrix

Family	Optics	Wattage	Mounting	Color Temp	Finish	Driver Options	Options	Other Options
ALED	3T	78		N	W		/PCS	
	3T = Type III 2T = Type II 4T = Type IV	50 = 50W 78 = 78W 105 = 105W 125 = 125W 150 = 150W	Blank = Pole mount SF = Slipfitter	Blank = 5000K Cool N = 4000K Neutral Y = 3000K Warm	K = Black W = White Blank = Bronze RG = Roadway Gray	Blank = 120-277V /480 = 480V /BL = Bi-Level /D10 = 0-10V Dimming /480/D10 = 480V, 0-10V Dimming	/PCS = 120V Swivel Photocell /WS4 = Multi-Level Motion Sensor 40 ft /WS2 = Multi-Level Motion Sensor 20 ft /PCT4 = 480V Twistlock Photocell /PCS4 = 480V Swivel Photocell /PCT = 120-277V Twistlock Photocell /PCS2 = 277V Swivel Photocell /LC = Lightcloud Controller Blank = No Option	Blank = Standard USA = BAA Compliant