

Project:	Туре:
Prepared By:	Date:

Driver Info		LED Info	
Type: 120V: 208V: 240V: 277V: Input Watts:	Constant Current N/A 0.58A 0.50A 0.44A 79W	Watts: Color Temp: Color Accuracy: L70 Lifespan: Lumens: Efficacy:	78W 5000K (Cool) 71 CRI 100,000 9,567 121 LPW
Efficiency:	98%		

## **Technical Specifications**

#### **Electrical**

## Photocell:

480V Swivel Photocell Included. Photocell is only compatible with 347-480V.

#### THD:

10.3% at 480V

#### Driver:

Constant Current, Class 2, 2000mA, 480V, 50-60Hz, 0.172A, Power Factor 95.8%

### **Surge Protection:**

4kV

### Listings

### **UL Listing:**

Suitable for wet locations as a downlight

#### IESNA LM-79 & IESNA 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.

#### **LED Characteristics**

#### Lifespan:

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

#### LEDs:

Six (6) multi-chip, 13W, high-output, long-life 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 CCT over a 5 year period

#### **Color Uniformity:**

RAB's range of CCT (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.

#### 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.

### IP Rating:

Ingress Protection rating of IP66 for dust and water

#### **Ambient Temperature:**

Suitable For use in 40°C (104°F)

#### **Cold Weather Starting:**

Minimum starting temperature is -40°C (-40°F)

## Thermal Management:

Superior heat sinking with external Air-Flow fins

#### **Effective Projected Area:**

EPA = 2.2

#### Lens:

Tempered glass lens

#### Housing:

Die cast aluminum housing, lens frame and mounting arm

#### Reflector:

Specular vacuum-metallized polycarbonate

#### Gaskets:

High temperature silicone gaskets

#### Finish:

Formulated for high-durability and long lasting color

### **Green Technology:**

Mercury and UV-free. RoHS compliant components.

### Other

#### 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.

### Equivalency:

Equivalent to 250W Metal Halide

### **Buy American Act Compliance:**

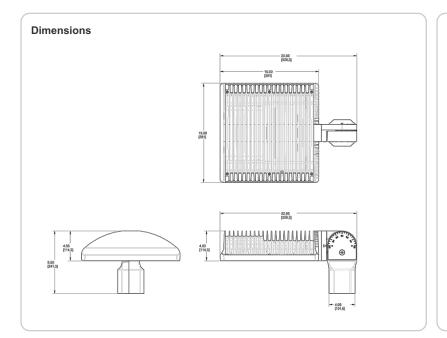
RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.

## **Technical Specifications (continued)**

### Optical

### **BUG Rating:**

B1 U0 G2



# Features

66% energy cost savings vs. HID

100,000-hour LED lifespan

5-year warranty

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Family	Optics	Wattage	Mounting	Color Temp	Finish	<b>Driver Options</b>	Options	Other Options
ALED	3T	78	SF	٨	K	/480	/PCS4	٨
	4T = Type IV 3T = Type III 2T = Type II	50 = 50W 78 = 78W 105 = 105W 125 = 125W 150 = 150W	Blank = Pole mount SF = Slipfitter	Blank = 5000K (Cool) N = 4000K (Neutral) Y = 3000K (Warm)	Blank = Bronze RG = Roadway Gray W = White K = Black	Blank = 120-277V /480 = 480V /BL = Bi-Level /D10 = 0-10V Dimming	Blank = No Option  /LC = Lightcloud® Controller  /PCS = 120V Swivel Photocell  /PCS2 = 277V Swivel Photocell  /PCT = 120-277V Twistlock  Photocell  /PCS4 = 480V Swivel Photocell  /PCT4 = 480V Twistlock Photocell  /WS2 = Multi-Level Motion Sensor  20 ft.  /WS4 = Multi-Level Motion Sensor  40 ft.	Blank = Standard USA = BAA Compliant