

Project:	Туре:
Prepared By:	Date:

Driver Info		LED Info	
Type: 120V:	Constant Current N/A	Watts: Color Temp:	78W 4000K (Neutral)
208V:	0.58A	Color Accuracy:	72 CRI
240V: 277V:	0.50A 0.44A	L70 Lifespan: Lumens:	100,000 9,234
Input Watts:	78W	Efficacy:	118 LPW
Efficiency:	N/A		

## **Technical Specifications**

#### **Electrical**

## Photocell:

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

#### THD:

10% at 480V

#### Driver:

Constant Current, Class 2, 2000mA,480V, 50-60Hz, 0.172A, Power Factor 96.5%

## **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:**

3-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.

## **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

#### IP Rating:

Ingress Protection rating of IP66 for dust and water

#### 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:**

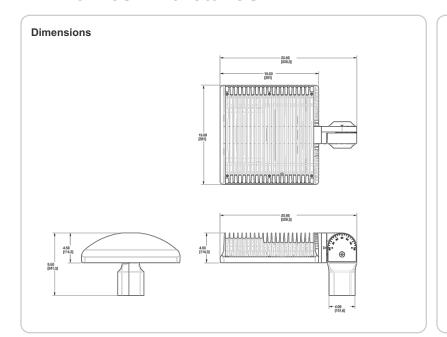
RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.

## **Technical Specifications (continued)**

## Optical

## **BUG Rating:**

B1 U0 G2



# Features

66% energy cost savings vs. HID

100,000-hour LED lifespan

5-year warranty

Ordering Matrix									
Family	Optics	Wattage	Mounting	Color Temp	Finish	<b>Driver Options</b>	Options	Other Options	
ALED	3T	78	SF	N	K	/480	/PCS4	۸	
	4T = Type	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.	Blank = Standar USA = BAA Compliant	