

Project:	Туре:
Prepared By:	Date:

Driver Info		LED Info	
Type:	Constant Current	Watts:	105W
120V:	0.89A	Color Temp:	4000K (Neutral)
208V:	0.58A	Color Accuracy:	72 CRI
240V:	0.50A	L70 Lifespan:	100,000
277V:	0.44A	Lumens:	12,042
Input Watts:	108W	Efficacy:	112 LPW
Efficiency:	97%		

## **Technical Specifications**

#### **Electrical**

## Photocell:

120-277V twistlock photocell included. Photocell is compatible with 120-277V.

#### THD:

7.9% at 120V, 16.8% at 277V

#### Drivers:

Two Drivers, Constant Current, Class 2, 1400mA, 100-277V, 50/60Hz, 0.8A, Power Factor 99%

### **Surge Protection:**

4kV

# Listings

## **UL Listing:**

Suitable for wet locations

### 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.

#### **LED Characteristics**

#### Lifespan:

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

#### LEDs:

Multi-chip, high-output, long-life LEDs

#### 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.

### **Effective Projected Area:**

EPA = 0.75

### **Maximum Ambient Temperature:**

Suitable for use in 40°C (104°F)

### **Cold Weather Starting:**

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

#### **Thermal Management:**

Superior thermal management with external "Air-Flow" fine

#### 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

#### IP Rating:

Ingress Protection rating of IP66 for dust and water

#### Finich:

Formulated for high-durability and long lasting color

### Green Technology:

Mercury and UV-free. RoHS compliant components.

#### Other

#### Compatibility:

Compatible with Round Poles with a diameter of 2.5" to 6"  $\,$ 

#### Warranty:

RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) 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

### Equivalency:

Replaces 320W Metal Halide

# **Technical Specifications (continued)**

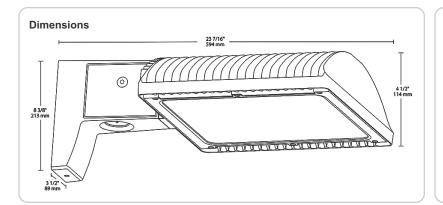
Other

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

Optical
BUG Rating:

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.

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	105	٨	N	K	٨	/PCT	۸		
	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		