

Project:	Туре:
Prepared By:	Date:

Driver Info		LED Info	
Type: 120V: 208V: 240V: 277V:	Constant Current 0.89A 0.58A 0.50A 0.44A	Watts: Color Temp: Color Accuracy: L70 Lifespan: Lumens:	105W 4000K (Neutral) 72 CRI 100,000 13,204
Input Watts: Efficiency:	108W 97%	Efficacy:	122 LPW

## **Technical Specifications**

#### **Electrical**

## Photocell:

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

#### THD:

7.6% at 120V, 16.0% 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 IV distribution (also known as a Forward Throw) is especially suited for mounting on the sides of buildings and walls, and for illuminating the perimeter of parking areas. It produces a semiCircular distribution with essentially the same candlepower at lateral angles from 90° to 270°.

#### **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" 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

#### 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)**

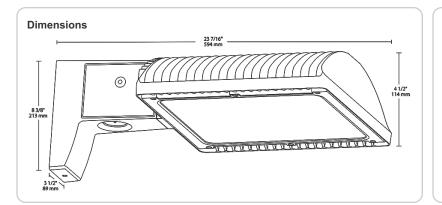
Other

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

Optical

BUG Rating: B1 U0 G3

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.



### **Features**

66% energy cost savings vs. HID

100,000-hour LED lifespan

5-year warranty

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