

Project:	Туре:
Prepared By:	Date:

Driver Info		LED Info	
Type:	Constant Current	Watts:	125W
120V:	1.12A	Color Temp:	4000K (Neutral)
208V:	0.70A	Color Accuracy:	72 CRI
240V:	0.61A	L70 Lifespan:	100,000
277V:	0.52A	Lumens:	15,760
Input Watts:	133W	Efficacy:	118 LPW
Efficiency:	94%		

## **Technical Specifications**

#### 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.

#### **Electrical**

## THD:

5.4% at 120V, 15.5% at 277V

## Driver:

One Driver, Constant Current, Class 2, 1800mA 100-277V, 50-60Hz, Power Factor 99%

## **Surge Protection:**

4kV

## **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:**

FPA = 2.2

# **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:

Heavy-duty mounting arm with "O" ring seal & stainless steel screws

#### Reflector:

Specular vacuum-metallized polycarbonate

#### Gaskets:

High-temperature silicone gaskets

### IP Rating:

Ingress Protection rating of IP66 for dust and water

#### Finish:

Formulated for high-durability and long lasting color

### Green Technology:

Mercury and UV-free. RoHS compliant components.

#### Other

### 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 350W Metal Halide

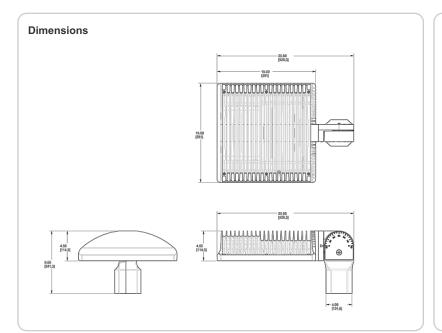
## **Buy American Act Compliance:**

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.

### 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	Driver Options	Options	Other Options	
ALED	4T	125	SF	N	K	۸	۸	۸	
	<b>4T</b> = Type	<b>50</b> = 50W	Blank = Pole	<b>Blank</b> = 5000K	Blank = Bronze	<b>Blank</b> = 120-277V	Blank = No Option	Blank = Standa	
	IV	<b>78</b> = 78W	mount	(Cool)	RG = Roadway	<b>/480</b> = 480V	/LC = Lightcloud® Controller	USA = BAA	
	<b>3T</b> = Type	105 =	SF = Slipfitter N = 4000K			Gray	/BL = Bi-Level	/PCS = 120V Swivel Photocell	Compliant
	III	105W		(Neutral)	W = White	/ <b>D10</b> = 0-10V	/PCS2 = 277V Swivel Photocell		
	2T = Type II	<b>125</b> = 125W		<b>Y</b> = 3000K (Warm)	Photocell	0 11-01-11-11			
		150 =				/PCS4 = 480V Swivel Photocell			
		150W							
							/WS2 = Multi-Level Motion Sensor 20 ft.		
							/WS4 = Multi-Level Motion Sensor 40 ft.		