

Project:	Туре:
Prepared By:	Date:

Driver Info		LED Info	
Type: 120V:	Constant Current	Watts:	105W
208V:	0.89A 0.58A	Color Temp: Color Accuracy:	5000K (Cool) 70 CRI
240V:	0.50A	L70 Lifespan:	100,000
277V:	0.44A 106W	Lumens:	10,384 98 LPW
Input Watts: Efficiency:	99%	Efficacy:	96 LPVV

# **Technical Specifications**

#### Other

#### **Bi-Level Operation:**

Allows 50% and 100% output modes

#### 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

# **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.

#### **Electrical**

# THD:

7.6% at 120V, 16.5% 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 = 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

#### Mounting:

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

#### Reflector:

Specular vacuum-metallized polycarbonate

# Gaskets:

High-temperature silicone gaskets

#### IP Rating:

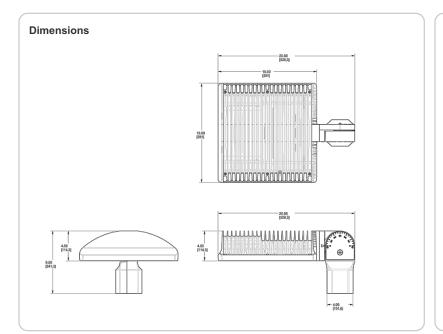
Ingress Protection rating of IP66 for dust and water

# Finish:

Formulated for high-durability and long lasting color

# **Green Technology:**

Mercury and UV-free. RoHS compliant components.



# 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	105	SF	۸	K	/BL	٨	^	
	4T = Type  V  3T = Type  II  2T = Type  I	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	