

Project:	Туре:
Prepared By:	Date:

Driver Info		LED Info	
Type: 120V:	Constant Current 0.89A	Watts: Color Temp:	105W 5000K (Cool)
208V:	0.58A	Color Accuracy:	70 CRI
240V: 277V:	0.50A 0.44A	L70 Lifespan: Lumens:	100,000 12,476
Input Watts: Efficiency:	109W 96%	Efficacy:	115 LPW

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:

7.9% at 120V, 16.2% at 277V

Drivers:

Two Drivers, Constant Current, Class 2, 1400mA, 100-277V, 50/60Hz, 0.8A, 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 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:

FPA = 22

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.

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 320W Metal Halide

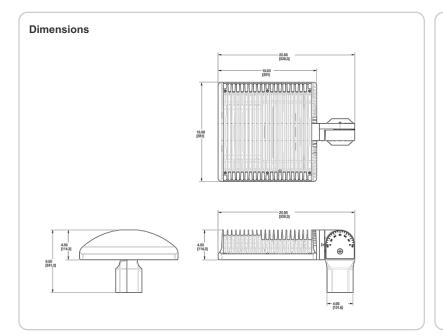
Buy American Act Compliance:

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.

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	3T	105	SF	۸	K	٨	٨	۸		
	4T = Type	50 = 50W	Blank = Pole mount	Blank = 5000K (Cool)	Blank = Bronze	Blank = 120-277V	Blank = No Option	Blank = Standa		
	3T = Type	78 = 78W 105 =	SF = Slipfitter	N = 4000K	RG = Roadway Gray	/ 480 = 480V / BL = Bi-Level	/LC = Lightcloud® Controller /PCS = 120V Swivel Photocell	USA = BAA Compliant		
	III 2T = Type	105W	/DIO = 0-10	(Neutral) Y = 3000K (Warm)	,	` '	,	/ D10 = 0-10V	/PCS2 = 277V Swivel Photocell	
	II	125 = 125W			K = Black Dimmin	Dimming	/PCT = 120-277V Twistlock Photocell			
		150 =						/PCS4 = 480V Swivel Photocell		
		150W		15UVV					/PCT4 = 480V Twistlock Photocell	
							/WS2 = Multi-Level Motion Sensor 20 ft.			
							/WS4 = Multi-Level Motion Sensor 40 ft.			