

Project:	Туре:
Prepared By:	Date:

Type: Constant Current Watts: 105W 120V: N/A Color Temp: 5000K (Cool)	Driver Info		LED Info	
208V: 0.58A Color Accuracy: 70 CRI 240V: 0.50A L70 Lifespan: 100,000 277V: 0.44A Lumens: 12,476 Input Watts: 109W Efficacy: 115 LPW Efficiency: 96%	Type: C 120V: N 208V: 0 240V: 0 277V: 0 Input Watts: 1	N/A 0.58A 0.50A 0.44A 109W	Watts: Color Temp: Color Accuracy: L70 Lifespan: Lumens:	5000K (Cool) 70 CRI 100,000 12,476

Technical Specifications

Electrical

Photocell:

277V Swivel Photocell Included. Photocell is compatible with 208V-277V.

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

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 = 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 320W Metal Halide

Buy American Act Compliance:

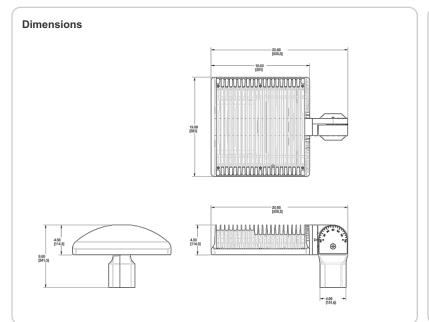
RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.

Technical Specifications (continued)

Optical

BUG Rating:

B1 U0 G2



Features 66% energy cost savings vs. HID 100,000-hour LED lifespan 5-year warranty

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Family	Optics	Wattage	Mounting	Color Temp	Finish	Driver Options	Options	Other Options	
ALED	3T	105	SF	٨	K	٨	/PCS2	٨	
	4T = Type	50 = 50W	Blank = Pole mount	Blank = 5000K (Cool)	Blank = Bronze	Blank = 120-277V	Blank = No Option	Blank = Standard	
	3T = Type	= Type	SF = Slipfitter N = 4000K (Neutral)	` ,	N = 4000K (Neutral)	RG = Roadway Gray	/ 480 = 480V / BL = Bi-Level	/LC = Lightcloud® Controller /PCS = 120V Swivel Photocell	USA = BAA Compliant
				5W (Neutral) W = White /D10 = 0-10V 5 = Y = 3000K (Warm) K = Black Dimming		,	, ,	/PCS2 = 277V Swivel Photocell	
	2T = Type II					000K (Warm) K = Black Dimming	K = Black	Dimming	/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.		