

Project:	Туре:
Prepared By:	Date:

Driver Info		LED Info		
Type:	Constant Current	Watts:	105W	
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:	12,528	
Input Watts:	108W	Efficacy:	116 LPW	
Efficiency:	97%			

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.

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 II distribution is ideal for wide walkways, on ramps and entrance roadways, bike paths and other long and narrow lighting applications. This type is meant for lighting larger areas and usually is located near the roadside. This type of lighting is commonly found on smaller side streets or jogging paths.

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

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

Finish:

Formulated for high-durability and long lasting color

Green Technology:

Mercury and UV-free. RoHS compliant components.

Electrical

Drivers:

Two Drivers, Constant Current, Class 2, 1400mA, 347-480V, 50/60Hz, 0.25A, Power Factor 99%

Ballast Volts:

480V

Surge Protection:

4kV

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

Buy American Act Compliance:

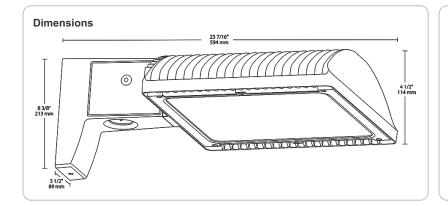
RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.

Technical Specifications (continued)

Optical

BUG Rating:

B1 U0 G2



Features

66% energy cost savings vs. HID

100,000-hour LED lifespan

5-year warranty

Ordering Matrix										
Optics	Wattage	Mounting	Color Temp	Finish	Driver Options	Options	Other Options			
2T	105	٨	N	К	/480	٨	۸			
4T = Type IV 3T = Type III 2T = Type II	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.	Blank = Standar USA = BAA Compliant			
	Optics 2T 4T = Type V 3T = Type III 2T = Type	Optics Wattage 2T 105 4T = Type 50 = 50W	Optics Wattage Mounting 2T 105 ^ 4T = Type 50 = 50W Blank = Pole mount 3T = Type 105 = SF = Slipfitter 11	Optics Wattage Mounting Color Temp 2T 105 ^ N 4T = Type	Optics Wattage Mounting Color Temp Finish 2T 105 ^ N K 4T = Type	Optics Wattage Mounting Color Temp Finish Driver Options 2T 105 ^ N K /480 4T = Type IV 50 = 50W 78 = 78W Blank = Pole mount Blank = 5000K (Cool) Blank = Bronze RG = Roadway Blank = 120-277V /480 = 480V 3T = Type III 105 = 105W SF = Slipfitter (Neutral) N = 4000K (Neutral) Gray W = White W = White /BL = Bi-Level /D10 = 0-10V Dimming 2T = Type II 125 = 125W 150 = 125W 150 = Y = 3000K (Warm) K = Black Dimming	Optics Wattage Mounting Color Temp Finish Driver Options Options 2T 105 ^ N K /480 ^ 4T = Type			