

Project:	Туре:
Prepared By:	Date:

Type: Constant Current		
120V: 0.46A 208V: 0.27A 240V: 0.23A 277V: 0.20A	Color Temp: Color Accuracy: L70 Lifespan: Lumens:	50W 3000K (Warm) 71 CRI 100,000 7,127 130 LPW
208V: 0.27A 240V: 0.23A 277V: 0.20A Input Watts: 55W	Color Accuracy: L70 Lifespan: Lumens:	71 CRI 100,000 7,127

Technical Specifications

Listings

UL Listing:

Suitable for wet locations as a downlight

IESNA LM-79 & IESNA 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:

6.1% at 120V, 9.4% at 277V

Power Factor:

99.6% at 120V, 96% at 277V

Driver:

Constant Current, Class 2, 1400mA, 100-277V, 50-60Hz, 0.8A, Power Factor 99%

Surge Protection:

6kV surge suppression protection tested in accordance with IEEE/ANSI C62.41.2.

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 Consistency:

3-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color

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 = 0.75

IP Rating:

Ingress Protection rating of IP66 for dust and water

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 design with external Air-Flow fins provides maximum operational life, even in high ambient temperature environments

Housing:

Die cast aluminum housing, lens frame and mounting arm

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

Finish:

Formulated for high-durability and long lasting color

Green Technology:

Mercury and UV-free. RoHS compliant components.

Other

Patents:

The ALED™ design is protected by patents pending in the U.S., Canada, China, Taiwan and Mexico.

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 200W Metal Halide

Technical Specifications (continued)

Other

Buy American Act Compliance:

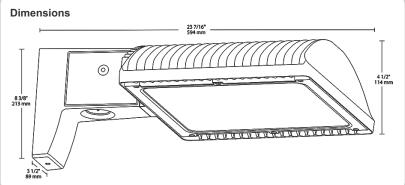
Optical

BUG Rating:

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.



B0 U0 G1



Features

66% energy cost savings vs. HID

100,000-hour LED lifespan

5-year warranty

			Color Temp	Finish	Driver Options	Options	Other Options	
4T	50	٨	Y	K	٨	۸	٨	
4T = Type	50 = 50W	Blank = Pole	Blank = 5000K	Blank = Bronze	Blank = 120-277V	Blank = No Option	Blank = Standard	
			, ,	,		•	USA = BAA	
			N = 4000K (Neutral) Y = 3000K (Warm)		=			Compliant
II	125 = 125W	1 - 300		I – 3000K (Wallil)	r – 3000K (Wallil)	K = Black	Dimming	/PCT = 120-277V Twistlock Photocell
	150 =					/PCS4 = 480V Swivel Photocell		
	150W					/PCT4 = 480V Twistlock Photocell		
						/WS2 = Multi-Level Motion Sensor 20 ft.		
						/WS4 = Multi-Level Motion Sensor		
	4T = Type IV 3T = Type III 2T = Type	4T = Type 50 = 50W V 78 = 78W 3T = Type 105 = 105W 2T = Type 125 = 125W	4T = Type 50 = 50W Blank = Pole mount 3T = Type 105 = 105W 2T = Type 125 = 125W 150 =	4T = Type 50 = 50W Blank = Pole mount Blank = 5000K (Cool) 3T = Type III 105 = 105W SF = Slipfitter N = 4000K (Neutral) 2T = Type II 125 = 125W Y = 3000K (Warm) 150 = 150 =	4T = Type 50 = 50W Blank = Pole mount Blank = 5000K (Cool) Blank = Bronze 3T = Type III 105 = 105W SF = Slipfitter N = 4000K (Neutral) Gray W = White 2T = Type II 125 = 125W Y = 3000K (Warm) K = Black	4T = Type 50 = 50W Blank = Pole mount Blank = 5000K (Cool) Blank = Bronze Blank = 120-277V 3T = Type III 105 = 105W SF = Slipfitter N = 4000K (Neutral) Gray W = White /BL = Bi-Level /D10 = 0-10V 2T = Type II 125 = 125W 125W Y = 3000K (Warm) K = Black Dimming	## Type 50 = 50W Blank = Pole Type 105 = 105W SF = Slipfitter 105W 125 = 125W 150 = 150W 1	