ALED4T105YW





Project:		Туре:		
Prepared	By:	Date:		
Driver Info		LED Info		
Туре:	Constant Current	Watts:	105W	
120V:	0.89A	Color Temp:	3000K (Warm)	
208V:	0.58A	Color Accuracy:	81 CRI	
0.401/-	0.50A	L70 Lifespan:	100,000	
240V:				
240V: 277V:	0.44A	Lumens:	8,461	
		Lumens: Efficacy:	8,461 80 LPW	

Technical Specifications

Listings

UL Listing:

Suitable for wet locations

IESNA LM-79 & LM-80 Testing:

RAB LED luminaries have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80, and have been received the Department of Energy "Lighting Facts" label.

DLC Listed:

This product is on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities.

Dark Sky Approved:

The International Dark Sky Association has approved this product as a full cutoff, fully shielded luminaire.

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 C78.377-2011.

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°.

Technical Specifications (continued)

Other

Trade Agreements Act Compliant:

This product is a COTS item manufactured in the United States, and is compliant with the Trade Agreements Act.

GSA Schedule:

Suitable in accordance with FAR Subpart 25.4.

Effective Projected Area:

EPA = 0.75

Ambient Temperature:

Suitable for use in 40°C (104°F) ambient temperatures.

Cold Weather Starting:

The minimum starting temperature is -40°F/-40°C.

Thermal Management:

Superior thermal management with external Air-Flow fins.

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

Finish:

Our environmentally friendly polyester powder coatings are formulated for high-durability and long-lasting color, and contains no VOC or toxic heavy metals.

Green Technology:

Mercury and UV free, and RoHS compliant. Polyester powder coat finish formulated without the use of VOC or toxic heavy metals.

For use on LEED Buildings:

IDA Dark Sky Approval means that this fixture can be used to achieve LEED Credits for Light Pollution Reduction.

Other

Drivesr:

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

California Title 24:

See ALED4T105/BL, ALED4T105/PCS, ALED4T105/PCS2, or ALED4T105/PCT for a 2013 California Title 24 compliant product. Any additional component requirements will be listed in the Title 24 section under technical specifications on the product page.

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.

Country of Origin:

Designed by RAB in New Jersey and assembled in the USA by RAB's IBEW Local 3 workers.

Buy American Act Compliant:

This product is a COTS item manufactured in the United States, and is compliant with the Buy American Act

Recovery Act (ARRA) Compliant:

This product complies with the 52.225-21 "Required Use of American Iron, Steel, and Manufactured Goods-- Buy American Act-- Construction Materials (October 2010).

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Electrical

7.6% at 120V, 16.2% at 277V

Surge Protection:

4kV

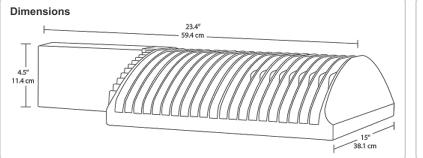
Optical

BUG Rating: B1 U0 G2



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Features

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

Ordering Matrix

Type III	150 = 150W 125 = 125W	= Arm SF = Slipfitter	= Cool Y = Warm	= Bronze W = White	= 120-277V	= No Photocell	= No Dimming	= No B i-Level
Type III							= No Dimming	= No B i-Level
	125 = 125W	SF = Slipfitter	Y = Warm	M = M/bito	400			
			· · · · · ·	AA - AAUIG	/480 = 480V	/PC = 120V Button	/D10 = Dimmable	/BL = Bi-Level
4T = Type IV 105 = 105W	105 = 105W		N = Neutral	RG = Gray		/PC2 = 277V Button		
					/PCS = 120V Swivel			
						/PCS2 = 277V Swivel		
						/PCT = 120-277V Twistlock		
						/PCS4 = 480V Swivel		
						/PCT4 = 480V Twistlock		
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