ALED2T125YW/480





Project: Type: Prepared By: Date: LED Info **Driver Info** Type: Constant Current Watts: 125W 120V: N/A Color Temp: 3000K (Warm) 208V: N/A Color Accuracy: 82 CRI 240V: L70 Lifespan: N/A 100,000 277V: N/A 8,809 Lumens: Input Watts: 131W Efficacy: 67 LPW

Efficiency:

95%

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.

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.

I FDs:

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 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

Technical Specifications (continued)

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.

Country of Origin:

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

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

Buy American Act Compliant:

Recovery Act (ARRA) Compliant:

This product is a COTS item manufactured in the

United States, and is compliant with the Buy American

This product complies with the 52.225-21 "Required

Goods-- Buy American Act-- Construction Materials

Use of American Iron, Steel, and Manufactured

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

Electrical

Drivers:

Two Drivers, Constant Current, Class 2, 1750mA, 347-480V, 50/60Hz, 0.30A, Power Factor 94.2%

THD:

14.5% at 480V

Ballast Volts:

480\/

Surge Protection:

4kV

Optical

Replacement:

The ALED125 replaces 320W Metal Halide Area Lights.

BUG Rating:

B2 U0 G2

Other

California Title 24:

See ALED2T125/D10, ALED2T125/BL, ALED2T125/PCS, ALED2T125/PCS2, or ALED2T125/PCT for a 2013 California Title 24 compliant product.

Trade Agreements Act Compliant:

Agreements Act.

GSA Schedule:

This product is a COTS item manufactured in the

United States, and is compliant with the Trade

Suitable in accordance with FAR Subpart 25.4.

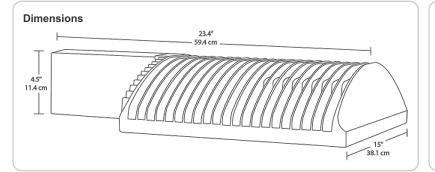
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(October 2010)



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Features

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

Ordering Matrix

Family D	Distribution	Watts	Mount	Color Temp	Finish	Voltage	Photocell	Dimming	Bi-Level
ALED									
3	2T = Type II 3T = Type III 4T = Type IV	150 = 150W 125 = 125W 105 = 105W	Blank = Arm SF = Slipfitter	Blank = Cool Y = Warm N = Neutral	Blank = Bronze W = White RG = Gray	Blank = 120- 277V / 480 = 480V	Blank = No Photocell /PC = 120V Button /PC2 = 277V Button /PCS = 120V Swivel /PCS2 = 277V Swivel /PCT = 120-277V Twistlock /PCS4 = 480V Swivel /PCT4 = 480V Twistlock	Blank = No Dimming /D10 = Dimmable	Blank = No B i- Level /BL = Bi-Level