ALED3T150SFNRG/PCS2



Specification grade area lights available in IES Type III distributions. For use for roadway, general parking and other area lighting applications where a larger pool of lighting is required. Replaces up to 400W metal halide. Patent pending thermal management system. 5 Year Warranty.

Color: Gray

Weight: 32.0 lbs

Project: Prepared By:		Туре:	
		Date:	
Driver Info		LED Info	
Туре:	Constant Current	Watts:	150W
120V:	N/A	Color Temp:	4000K (Neutral)
208V:	0.80A	Color Accuracy:	82 CRI
240V:	0.69A	L70 Lifespan:	100,000
	0.60A	Lumens:	10,106
277V:			
277V: Input Watts:	149W	Efficacy:	68 LPW





Technical Specifications

Other

ALED3T150 with Photocell:

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

California Title 24:

ALED3T150SF/PCS2 with the swivel photocell (277V) option complies with 2013 California Title 24 building and electrical codes as a commercial outdoor polemounted fixture > 75 Watts at mounting heights greater than 24 feet.

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).

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.

Listings

UL Listing:

Suitable for wet locations.

Electrical

Drivers: Two Drivers, Constant Current, Class 2, 2000mA, 100-277V, 50-60Hz, 1.1A, Power Factor 99%

Surge Protection:

4kV

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.

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 C78.377-2011

Construction

Effective Projected Area:

EPA = 2.2

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.

Technical Specifications (continued) Optical **Replacement:**

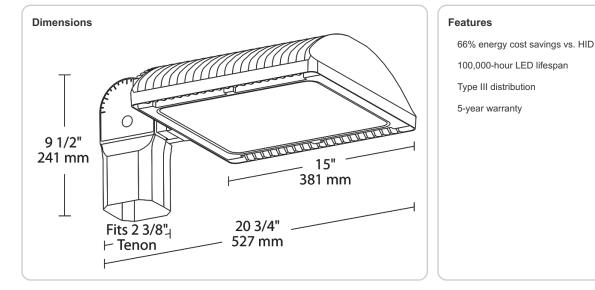
The ALED150 replaces 400W Metal Halide Area Lights.

BUG Rating:

B1 U0 G2

ALED3T150SFNRG/PCS2





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