ALED3T150SFYRG/BL





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:	Туре:
Prepared By:	Date:

Driver Info		LED Info	
Туре:	Constant Current	Watts:	150W
120V:	1.31A	Color Temp:	3000K (Warm)
208V:	A08.0	Color Accuracy:	81 CRI
240V:	0.69A	L70 Lifespan:	100,000
277V:	0.60A	Lumens:	10,345
Input Watts:	154W	Efficacy:	67 LPW
Efficiency:	98%		



Technical Specifications

Other

ALED3T150SF with Bi-Level Operation:

Allows 50% and 100% output modes.

California Title 24:

ALED3T150SF/BL with bi-level operation is compliant with 2013 California Title 24 building and electrical codes as a commercial outdoor pole-mounted fixture > 75 Watts mounted up to 24 feet when used with a RAB photo/motion control. Select a photo/motion control using catalog number STL110, STL200 or STL360. Mounting heights greater than 24 feet require only a photocell. See ALED3T150/PCS2 for photocell models.

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.

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.

I FDs

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

IES Classification:

The Type III distribution is ideal for roadway, general parking and other area lighting applications where a larger pool of lighting is required. It is intended to be located near the side of the area, allowing the light to project outward and fill the area.

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.

Technical Specifications (continued)

Construction

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

THD:

6.6% at 120V, 11.5% at 277V

Surge Protection:

4kV

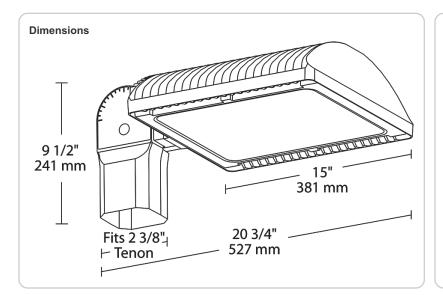
Optical

Replacement:

The ALED150 replaces 400W Metal Halide Area Lights.

ALED3T150SFYRG/BL





Features

66% energy cost savings vs. HID

100,000-hour LED lifespan

Type III distribution

5-year warranty

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