ALED4T150SF/PCS





Project:		Type: Date:			
Prepared	By:				
Driver Info		LED Info			
Туре:	Constant Current	Watts:	150W		
120V:	1.31A	Color Temp:	5000K (Cool)		
208V:	N/A	Color Accuracy:	65 CRI		
240V:	N/A	L70 Lifespan:	100,000		
277V:	N/A	Lumens:	14,349		
	156W	Efficacy:	92 LPW		
Input Watts:					

Technical Specifications

Other

ALED4T150 with Photocell:

120V Swivel Photocell Included. Photocell is only compatible with 120V.

California Title 24:

ALED4T150SF/PCS with the swivel photocell 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 Listina:

Suitable for wet locations.

Technical Specifications (continued)

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:

7-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

Optical

Lights. BUG Rating:

B1 U0 G3

Replacement:

Ambient Temperature:

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

Cold Weather Starting:

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

The ALED150 replaces 400W Metal Halide Area

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.

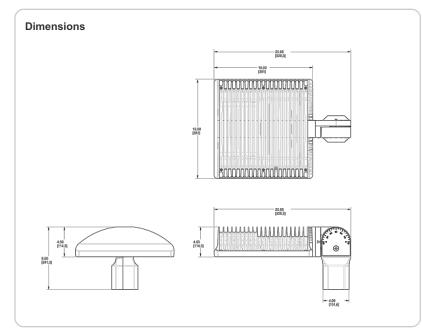
For use on LEED Buildings:

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



ALED4T150SF/PCS





Ordering Matrix

Family	Distribution	Watts	Mount	Color Temp	Finish	Voltage	Photocell	Dimming	Bi-Level
ALED									
	2T = Type II	150 = 150W	= Arm	= Cool	= Bronze	= 120-277V	= No Photocell	= No Dimming	= No B i-Level
	3T = Type III	125 = 125W	SF = Slipfitter	Y = Warm	W = White	/480 = 480V	/PC = 120V Button	/D10 = Dimmable	/BL = Bi-Level
	4T = Type IV	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		

Features

66% energy cost savings vs. HID

100,000-hour LED lifespan

Type IV distribution 5-year warranty