# ALED3T150NW/PCS2





required. Replaces up to 400W metal halide. Patent pending thermal management system. 5 Year Warranty.

Color: White

Weight: 32.0 lbs

Project:		Type: Date:			
Prepared	I By:				
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		
277V:	0.60A	Lumens:	10,106		
	4.40\\	Efficacy:	68 LPW		
Input Watts:	149W	Emocroji			

# **Technical Specifications**

# Other

# ALED3T150 with Photocell:

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

# California Title 24:

ALED3T150/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

# **Technical Specifications (continued)**

# For use on LEED Buildings:

used to achieve LEED Credits for Light Pollution Reduction

# Electrical

# Drivers:

277V, 50-60Hz, 1.1A, Power Factor 99%

# 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.

# 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 = 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.

# Construction

IDA Dark Sky Approval means that this fixture can be

Two Drivers, Constant Current, Class 2, 2000mA, 100-

# Surge Protection:

# 4kV

# Optical

# **Replacement:**

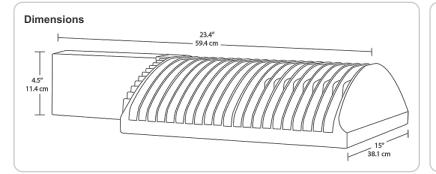
The ALED150 replaces 400W Metal Halide Area Lights

**BUG Rating:** B1 U0 G2



# ALED3T150NW/PCS2





# Features

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

# **Ordering Matrix**

Family	Distribution	Watts	Mount	Color Temp	Finish	Voltage	Photocell	Dimming	Bi-Level
ALED									
	2T = Type II 3T = Type III 4T = Type IV	<b>150</b> = 150W <b>125</b> = 125W <b>105</b> = 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