ALED3T150NW/PC2





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: White Weight: 32.0 lbs

| Project: | Туре: |
|--------------|-------|
| Prepared By: | Date: |

| Driver Info | | LED Info | |
|--------------|------------------|-----------------|-----------------|
| Туре: | Constant Current | Watts: | 150W |
| 120V: | N/A | Color Temp: | 4000K (Neutral) |
| 208V: | A08.0 | Color Accuracy: | 82 CRI |
| 240V: | 0.69A | L70 Lifespan: | 100,000 |
| 277V: | 0.60A | Lumens: | 10,106 |
| Input Watts: | 149W | Efficacy: | 68 LPW |
| Efficiency: | N/A | | |



Technical Specifications

Other

ALED3T150 with Photocell:

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

California Title 24:

ALED3T150/PC2 with the button 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.

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.

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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.

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

Surge Protection:

4kV

Optical

Replacement:

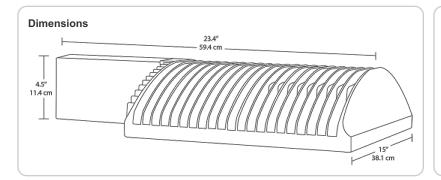
The ALED150 replaces 400W Metal Halide Area Lights.

BUG Rating:

B1 U0 G2

ALED3T150NW/PC2





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 | 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 |