# ALED3T125W/480





Specification grade area lights available with IES Type III distribution. For use for roadway, general parking and other area lighting applications where a larger pool of lighting is required. Patent pending thermal management system. 5 Year Warranty.

Weight: 32.0 lbs

Color: White

Project:		Туре:	
Prepared	By:	Date:	
Driver Info		LED Info	105111
ype:	Constant Current	Watts:	125W
20V:	N/A N/A	Color Temp: Color Accuracy:	5000K 66 CRI
///8///	N/A N/A	L70 Lifespan:	100000
208V: 240V <sup>.</sup>	N/A		.00000
208V: 240V: 277V:	N/A N/A	Lumens:	11,431



#### 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.

## I FDs:

Multi-chip, high-output, long-life LEDs

# **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 = 0.75

# **Technical Specifications (continued)**

#### Other

### California Title 24:

See ALED3T125/D10, ALED3T125/BL, ALED3T125/PCS, ALED3T125/PCS2, or ALED3T125/PCT for a 2013 California Title 24 compliant product.

### 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

#### **Maximum Ambient Temperature:**

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

#### **Cold Weather Starting:**

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

**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

**Buy American Act Compliant:** 

**Recovery Act (ARRA) Compliant:** 

**Trade Agreements Act Compliant:** 

This product is a COTS item manufactured in the

United States, and is compliant with the Buy American

This product complies with the 52.225-21 "Required

Use of American Iron, Steel, and Manufactured Goods-- Buy American Act-- Construction Materials

This product is a COTS item manufactured in the

United States, and is compliant with the Trade

#### IP Rating:

Ingress Protection rating of IP66 for dust and water.

#### 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. RoHS compliant components. 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

# Electrical

#### Drivers:

Two Drivers, Constant Current, Class 2, 1750mA, 347-480V, 50/60Hz, 0.30A, Power Factor 94.3%

# THD:

14.1% at 480V

**Ballast Volts:** 

480V

#### Surge Protection:

# 4kV Optical

# **Replacement:**

The ALED125 replaces 320W Metal Halide Area Lights

### **BUG Rating:**

B1 U0 G2

### **GSA Schedule:**

Suitable in accordance with FAR Subpart 25.4.

Act

(October 2010).

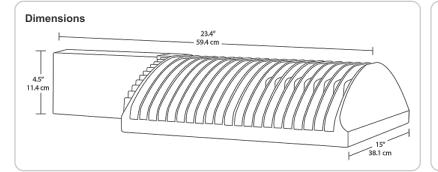
Agreements Act





# ALED3T125W/480





# Features

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

# **Ordering Matrix**

Family D	istribution	Watts	Mount	Color Temp	Finish	Voltage	Photocell	Dimming	Bi-Level
ALED									
3	2 <b>T</b> = Type II I <b>T</b> = Type III I <b>T</b> = Type IV	360 = 360W 260 = 260W 150 = 150W 125 = 125W 105 = 105W 78 = 78W	Blank = Arm SF = Slipfitter	Blank = 5000K (Cool) Y = 3000K (Warm) N = 4000K (Neutral)	Blank = Bronze W = White RG = Gray	Blank = 120-277V /480 = 480V (Only 360W & 260W)	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 Bi- Level /BL = Bi-Level