# ALED3T125SFYW/480





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	
Type: 120V: 208V: 240V: 277V: Input Watts: Efficiency:	Constant Current N/A N/A N/A N/A 134W 93%	Watts: Color Temp: Color Accuracy: L70 Lifespan: Lumens: Efficacy:	125W 3000K (Warm) 83 CRI 100,000 9,100 68 LPW
277V: Input Watts:	N/A 134W	Lumens:	9,100

# **Technical Specifications**

### 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.

## LEDs:

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 = 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

#### 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.

#### **Electrical**

#### Drivers:

Two Drivers, Constant Current, Class 2, 1750mA, 347-480V, 50/60Hz, 0.30A, Power Factor 94.1%

#### THD:

14.4% at 480V

#### **Ballast Volts:**

480V

## **Surge Protection:**

4kV

# Optical

## Replacement:

The ALED125 replaces 320W Metal Halide Area Lights.

## **BUG Rating:**

B1 U0 G2

# Other

## California Title 24:

See ALED3T125SF/D10, ALED3T125SF/BL, ALED3T125SF/PCS, ALED3T125SF/PCS2, or ALED3T125SF/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.



# **Technical Specifications (continued)**

Other

#### **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:

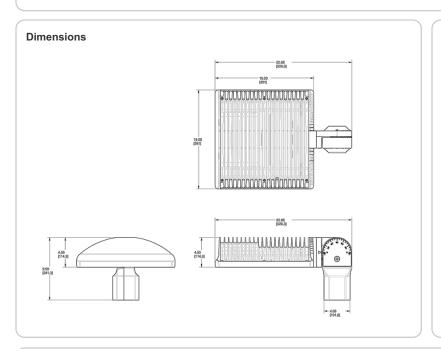
This product complies with the 52.225-21 "Required Use of American Iron, Steel, and Manufactured Goods-- Buy American Act-- Construction Materials (October 2010).

#### **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.



# Features

66% energy cost savings vs. HID

100,000-hour LED lifespan

Type III distribution

5-year warranty

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 =	Blank = Arm SF = Slipfitter	SF = Cool Slipfitter Y = Warm V	Blank =         Blank =         120-           Bronze         277V           W = White         /480 = 480V           RG = Gray	Blank = No Photocell /PC = 120V Button /PC2 = 277V Button /PCS = 120V Swivel /PCS2 = 277V Swivel	Blank = No Dimming /D10 = Dimmable	Blank = No B Level /BL = Bi-Leve	
		105W					/PCT = 120-277V Twistlock /PCS4 = 480V Swivel /PCT4 = 480V Twistlock		