# ALED3T125SF/PCS2





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.

Color: Bronze

#### Weight: 32.0 lbs

# **Technical Specifications**

## Electrical

# Photocell:

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

## Drivers:

Two Drivers, Constant Current, Class 2, 1750mA, 100-277V, 50/60Hz, 1.1A, Power Factor 99%

# THD:

5.5% at 120V, 15.6% at 277V

# Surge Protection:

4kV

#### 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

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

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

# **Cold Weather Starting:**

Thermal Management: Superior thermal management with external Air-Flow

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

#### Housing:

fins

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

Project	:	Туре:		
Prepare	ed By:	Date:		
Driver Int	fo	LED Info		
Type: 120V:	Constant Current N/A	Watts: Color Temp:	125W 5000K	

208V:	0.70A	Color Accuracy:	65 CRI
240V:	0.61A	L70 Lifespan:	100000
277V:	0.52A	Lumens:	10,893
Input Watts:	134W	Efficacy:	81 LPW
Efficiency:	93%		

#### Gaskets:

High-temperature silicone gaskets

#### 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.

#### Optical

#### **Replacement:**

The ALED125 replaces 320W Metal Halide Area Lights.

#### **BUG Rating:**

B1 U0 G2

#### Other

## California Title 24:

ALED3T125SF/PCS2 with the swivel photocell (277V) option complies with 2013 California Title 24 building and electrical codes as a commercial outdoor pole-mounted fixture > 75 Watts at mounting heights greater than 24 feet.



# **Technical Specifications (continued)**

# Other

# 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:

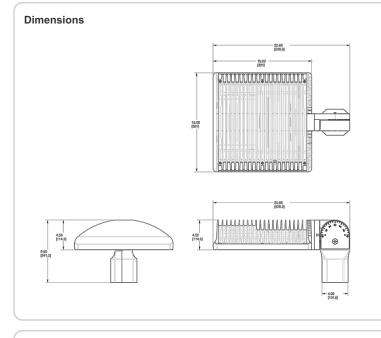
Suitable in accordance with FAR Subpart 25.4.

# 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	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