## ALED3T125SFNRG/D10



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: Gray

Weight: 32.0 lbs

Project: Prepared By:		Туре:	
		Date:	
Driver Info		LED Info	
Туре:	Constant Current	Watts:	125W
120V:	1.12A	Color Temp:	4000K (Neutral)
208V:	0.70A	Color Accuracy:	82 CRI
240V:	0.61A	L70 Lifespan:	100,000
277V:	0.52A	Lumens:	8,996
Input Watts:	132W	Efficacy:	68 LPW
	95%		



### **Technical Specifications**

### Other

### ALED3T125SF with Dimmable Driver:

Driver includes dimming control for 0-10V dimming systems. Requires separate 0-10V DC dimming circuit. Dims as low as 10%.

### California Title 24:

ALED3T125SF/D10 with the 0-10V driver option is compliant with 2013 California Title 24 building and electrical codes as a commercial outdoor polemounted fixture > 75 Watts mounted up to 24 feet when used with the RAB Stealth Dimmer. Use catalog number STLDIM10 to order a Stealth Dimmer module. Mounting heights greater than 24 feet require only a photocell. See ALED3T125SF/PCS or ALED3T125SF/PCS2 for photocell models.

### 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.

**Technical Specifications (continued)** 

### Listings

UL Listing:

Suitable for wet locations.

# ElectricalSurge Protection:BUG Rating:Drivers:4kVB1 U0 G2Two Drivers, Constant Current, Class 2, 1750mA, 100-<br/>277V, 50/60Hz, 1.1A, Power Factor 99%OpticalTHD:Replacement:5.6% at 120V, 16.1% at 277VThe ALED125 replaces 320W Metal Halide Area<br/>Lights.

### 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 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.

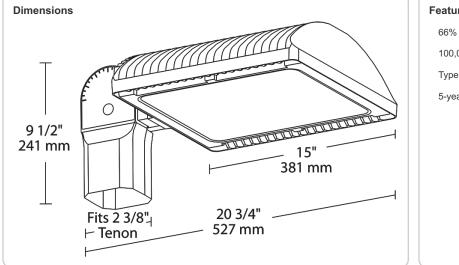
### For use on LEED Buildings:

IDA Dark Sky Approval means that this fixture can be used to achieve LEED Credits for Light Pollution Reduction.



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# 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 Blank = 120-150 = Blank = Arm Blank = No B i-2T = Type II Blank = Blank = Blank = No Photocell Blank = No 150W Cool Bronze 277V Dimming Level 3T = Type III SF = /PC = 120V Button 125 = Slipfitter Y = Warm W = White /**480** = 480V /D10 = Dimmable /BL = Bi-Level /PC2 = 277V Button 4T = Type IV 125W N = Neutral RG = Gray /PCS = 120V Swivel 105 = /PCS2 = 277V Swivel 105W /PCT = 120-277V Twistlock /PCS4 = 480V Swivel /PCT4 = 480V Twistlock