# ALED2T150/PCS





Specification grade area lights available with IES Type II distribution. For use in parking lots, roadways, pathways and general area lighting. Patent pending thermal management system. 5 Year Warranty.

Color: Bronze Weight: 32.0 lbs

Project:	Туре:
Prepared By:	Date:

Driver Info		LED Info		
Type:	Constant Current	Watts:	150W	
120V:	1.31A	Color Temp:	5000K	
208V:	N/A	Color Accuracy:	65 CRI	
240V:	N/A	L70 Lifespan:	100000	
277V:	N/A	Lumens:	14,038	
Input Watts:	154W	Efficacy:	91 LPW	
Efficiency:	98%			

# **Technical Specifications**

### **Electrical**

#### Photocell:

120V Swivel Photocell Included. Photocell is only compatible with 120V.

#### Drivers:

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

# **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.

# Dark Sky Approved:

The International Dark Sky Association has approved this product as a full cutoff, fully shielded luminaire.

# **DLC Listed:**

This product is on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities.

DLC Product Code: P00001759

# **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 Consistency:

7-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

#### **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

# Mounting:

Heavy-duty mounting arm with "O" ring seal & stainless steel screws

#### IP Rating:

Ingress Protection rating of IP66 for dust and water.

#### 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. 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 ALED150 replaces 400W Metal Halide Area Lights.

### **BUG Rating:**

B2 U0 G2



# **Technical Specifications (continued)**

# Other

### California Title 24:

ALED2T150/PCS with the swivel photocell 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:

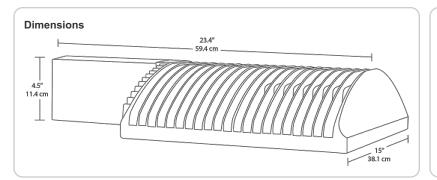
This product complies with the 52.225-21 "Required Use of American Iron, Steel, and Manufactured Goods-- Buy American Act-- Construction Materials (October 2010).

# **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.



#### **Features**

66% energy cost savings vs. HID

100,000-hour LED lifespan

Type II distribution

5-year warranty

rdering Matrix											
Family	Distribution	Watts	Mount	Color Temp	Finish	Voltage	Photocell	Dimming	Bi-Level		
ALED											
	<b>2T</b> = Type II <b>3T</b> = Type III	<b>360</b> = 360W	Blank = Arm	Blank = 5000K (Cool)	Blank = Bronze	Blank = 120-277V /480 = 480V (Only 360W &	Blank = No Photocell /PC = 120V Button	Blank = No Dimming	Blank = No B Level		
	4T = Type IV	<b>260</b> = 260W	SF = Slipfitter	Y = 3000K	(Warm) <b>RG</b> = Gray <b>N</b> = 4000K		(\A/=)	, ,	<b>/PC2</b> = 277V Button	/D10 = Dimmable	/BL = Bi-Leve
		<b>150</b> = 150W				nay	/PCS = 120V Swivel /PCS2 = 277V Swivel				
		<b>125</b> = 125W			(ivedital)		/PCT = 120-277V Twistlock				
		<b>105</b> = 105W					/PCS4 = 480V Swivel /PCT4 = 480V				
		<b>78</b> = 78W					Twistlock				