ALED3T260SFYW/480/D10/PCT4

RAB LIGHTING

Project:		Type:	
Prepared By:		**Date:**	

Driver Info

Type:	Constant Current
120V:	N/A
208V:	N/A
240V:	N/A
277V:	N/A
Input Watts:	257W
Efficiency:	N/A

LED Info

Watts:	260W
Color Temp:	3000K
Color Accuracy:	N/A
L70 Lifespan:	100000
Lumens:	26,133
Efficacy:	102 LPW

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: White   Weight: 75.0 lbs

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 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

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 = 5

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 with airflow fins for cooling.

Lens:

Tempered glass

Mounting:

Slipfitter with 180° pivot available for mounting on 2 3/8" tenon.

IP Rating:

Ingress Protection rating of IP66 for dust and water.

Reflector:

Vacuum-metalized 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.

Electrical

Dimming Driver:

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

Drivers:

Constant Current, Class 1, 1660mA, 480V, 50-60Hz, 480V: xxA.

Surge Protection:

4kV
For areas prone to surges, upgrade to 10kV surge protection.

Photocell:

480V Twistlock Photocell Included. Photocell is only compatible with 480V.

Optical

BUG Rating:

B1 U0 G4

Technical Specifications (continued)

Other

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.
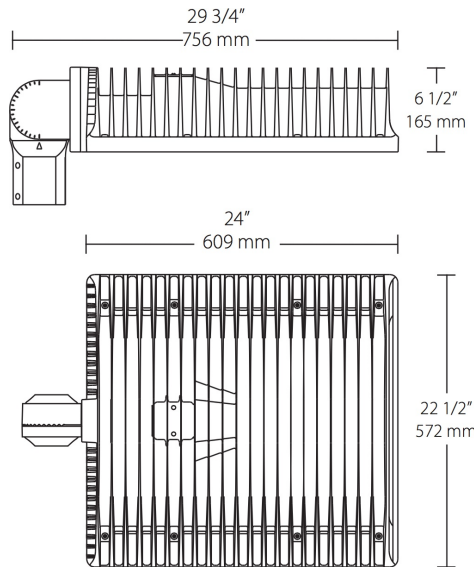
GSA Schedule:

Suitable in accordance with FAR Subpart 25.4.

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.

Dimensions

29 3/4″
756 mm

6 1/2″
165 mm

24″
609 mm

22 1/2″
572 mm

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	**360** = 360W	**Blank** = Arm	**Blank** = 5000K (Cool)	**Blank** = Bronze	**Blank** = 120-277V	**Blank** = No Photocell	**Blank** = No Dimming	**Blank** = No Bi-Level
	3T = Type III	**260** = 260W	**SF** = Slipfitter	**Y** = 3000K (Warm)	**W** = White	**/480** = 480V (Only 360W & 260W)	**/PC** = 120V Button	**/D10** = Dimmable	**/BL** = Bi-Level
	4T = Type IV	**150** = 150W		**N** = 4000K (Neutral)	**RG** = Gray		**/PC2** = 277V Button		
		125 = 125W					**/PCS** = 120V Swivel		
		105 = 105W					**/PCS2** = 277V Swivel		
		78 = 78W					**/PCT** = 120-277V Twistlock		
							/PCS4 = 480V Swivel		
							/PCT4 = 480V Twistlock		

Need help? Tech help line: **(888) RAB-1000** Email: **sales@rabweb.com** Website: **www.rabweb.com**

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