ALED2T360Y/D10/WS10

RAB
LIGHTING

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

Specification grade area lights with multi-level motion sensor available in 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: 79.4 lbs

Driver Info

Type:	Constant Current
120V:	3.0A
208V:	1.8A
240V:	1.5A
277V:	1.3A
Input Watts:	361W
Efficiency:	N/A

LED Info

Watts:	360W
Color Temp:	3000K
Color Accuracy:	70 CRI
L70 Lifespan:	100000
Lumens:	35,939
Efficacy:	100 LPW

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Technical Specifications

Listings

UL Listing:

Suitable for wet locations.

DLC Listed:

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

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.

Other

California Title 24:

This fixture is compliant with 2015 California Title 24 building and electrical codes as a commercial outdoor pole-mounted fixture > 75 Watts mounted up to 24 feet.

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.

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 II distribution is ideal for wide walkways, on ramps and entrance roadways, bike paths and other long and narrow lighting applications. This type is meant for lighting larger areas and usually is located near the roadside. This type of lighting is commonly found on smaller side streets or jogging paths.

Effective Projected Area:

EPA = 1.2

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:

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

IP Rating:

Ingress Protection rating of IP66 for dust and water.

Reflector:

Vacuum-metalized polycarbonate

Gaskets:

High-temperature silicone gaskets

Technical Specifications (continued)

Construction

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:

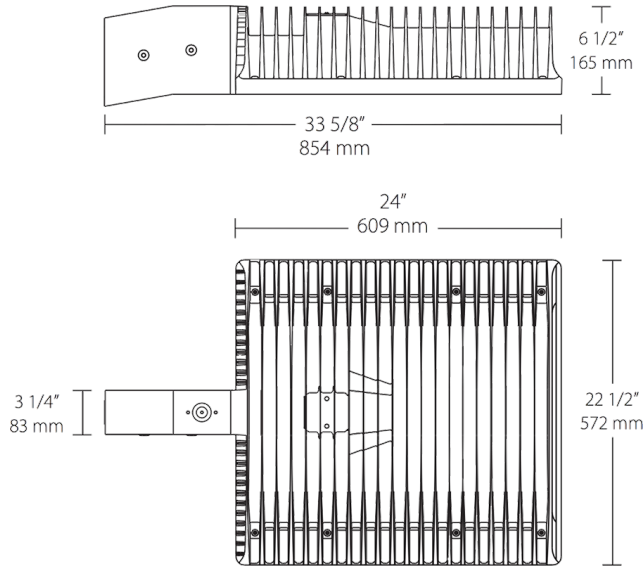Constant Current, Class 1, 1560mA, 100-277V, 50-60Hz, 120V: 3.0A, 208V: 1.8A, 240V: 1.5A, 277V: 1.3A

Surge Protection:

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

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Dimensions

6 1/2"
165 mm

33 5/8"
854 mm

24"
609 mm

3 1/4"
83 mm

22 1/2"
572 mm

Features

Includes integrated motion sensor/photocell for multi-level control

66% energy cost savings vs. HID

100,000-hour LED lifespan

Type II distribution

5-year warranty

Ordering Matrix

Family	Distribution	Watts	Color Temp	Finish	Dimming	Sensor
ALED						
	2T = Type II	**360** = 360W	**Blank** = 5000K (Cool)	**Blank** = Bronze	**Blank** = No Dimming	**/WS2** = Multi-Level Motion Sensor - only available for 120-277V with /D10 for 105W
	3T = Type III	**260** = 260W	**Y** = 3000K (Warm)	**W** = White	**/D10** = Dimmable	**/WS4** = Multi-Level Motion Sensor - only available for 120-277V with /D10 for 260W, 125W & 150W
	4T = Type IV	**150** = 150W	**N** = 4000K (Neutral)	**RG** = Gray		**/WS10** = Multi-Level Motion Sensor - only available for 120-277V with /D10 for 360W
		125 = 125W				
		105 = 105W				