ALED2T260/D10 USA

RAB
LIGHTING

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

Driver Info

Type:	Constant Current
120V:	2.2A
208V:	1.3A
240V:	1.1A
277V:	1.0A
Input Watts:	265W
Efficiency:	98%

LED Info

Watts:	260W
Color Temp:	5000K
Color Accuracy:	70 CRI
L70 Lifespan:	100000
Lumens:	27992
Efficacy:	106 LPW

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: 79.4 lbs

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.
DLC Product Code: PEVGAN9C

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.

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 C78.377-2017.

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:

Minimum starting temperature is -40°C (-40°F)

Thermal Management:

Superior thermal management with external "Air-Flow" fins.

Lens:

Tempered glass lens.

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

Finish:

Formulated for high-durability and long lasting color.

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, 100-277V, 50-60Hz, 120V: 2.2A, 208V: 1.3A, 240V: 1.1A, 277V: 1.0A

Technical Specifications (continued)

Electrical

Surge Protection:

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

Optical

THD:

3.3% at 120V, 5.1% at 277V

Power Factor:

99.9% at 120V, 96.7% at 277V

BUG Rating:

B3 U0 G3

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.
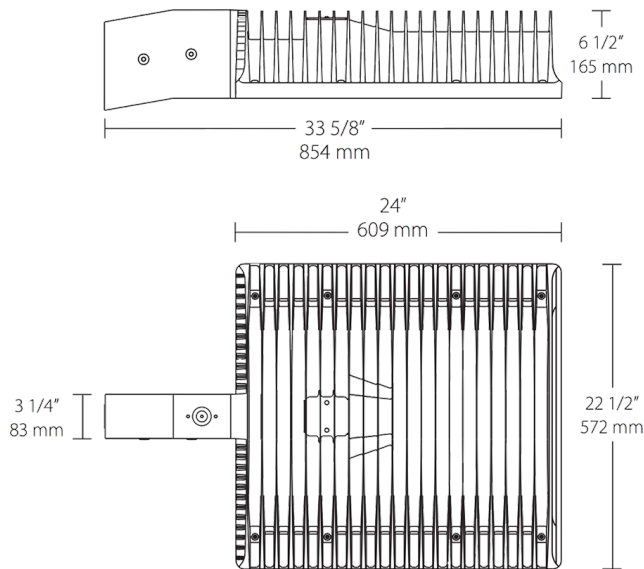
FTC Country of Origin:

This product was assembled in the USA by RAB using imported components.

Buy American Act Compliance:

This product complies with the Buy American Act.

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

66% energy cost savings vs. HID

100,000-hour LED lifespan

Type II distribution

5-year warranty

Ordering Matrix

Family	Distribution	Wattage	Mounting	Color Temp	Finish	Driver Options	Sensor Options
ALED							
	4T = Type IV **3T** = Type III **2T** = Type II	**360** = 360W **260** = 260W	**Blank** = Pole **SF** = Slipfitter	**Blank** = 5000K (Cool) **N** = 4000K (Neutral) **Y** = 3000K (Warm)	**Blank** = Bronze **W** = White	**/D10** = 120-277V, 0-10V Dimming **/480/D10** = 480V, 0-10V Dimming	**Blank** = No Option **/PCT** = 120-277V Twistlock Photocell **/PCT4** = 480V Twistlock Photocell **/WS4** = Motion Sensor/Photocell (40' H/60' D) **/WS10** = Motion Sensor/Photocell (40' H/100' D) **/LC** = Lightcloud® Controller **/5PR** = 5 Pin Receptacle **/7PR** = 7 Pin Receptacle