ALED4T125N USA

RAB
LIGHTING

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

Specification grade area lights available in IES Type IV distributions. Suited for mounting on the sides of buildings and walls, and for illuminating the perimeter of parking areas. Patent pending management system. 5 Year Warranty.

Color: Bronze   Weight: 32.0 lbs

Driver Info

Type:	Constant Current
120V:	1.12A
208V:	0.70A
240V:	0.61A
277V:	0.52A
Input Watts:	133W
Efficiency:	94%

LED Info

Watts:	125W
Color Temp:	4000K
Color Accuracy:	72 CRI
L70 Lifespan:	100000
Lumens:	15760
Efficacy:	118 LPW

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:_P0000177O

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 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 IV distribution (also known as a Forward Throw) is especially suited for mounting on the sides of buildings and walls, and for illuminating the perimeter of parking areas. It produces a semiCircular distribution with essentially the same candlepower at lateral angles from 90° to 270°.

Effective Projected Area:

EPA = 0.75

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 housing, lens frame and mounting arm.

Mounting:

Universal mounting arm compatible for hole spacing patterns from 1" to 5 1/2" center to center. Round Pole Adaptor plate included as a standard. Easy slide and lock to mount fixture with ease.

Reflector:

Specular vacuum-metallized polycarbonate

Gaskets:

High-temperature silicone gaskets

IP Rating:

Ingress Protection rating of IP66 for dust and water

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

Drivers:

Two Drivers, Constant Current, Class 2, 1750mA, 100-277V, 50/60Hz, 1.1A, Power Factor 99%

THD:

5.4% at 120V, 15.5% at 277V

Surge Protection:

4kV

Other

California Title 24:

See ALED4T125/D10, ALED4T125/BL, ALED3T125/PCS, ALED4T125/PCS2, or ALED4T125/PCT for a 2013 California Title 24 compliant product.

Technical Specifications (continued)

Other

Compatibility:

Compatible with Round Poles with a diameter of 2.5" to 6"

Warranty

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.

Replacement:

Replaces 320W Metal Halide.

FTC Country of Origin:

This product was assembled in the USA by RAB using imported components.
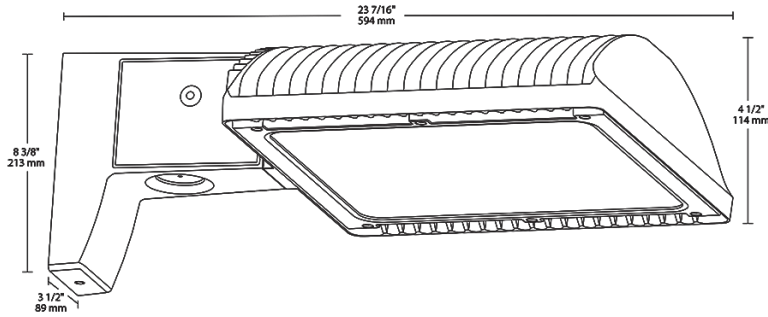
Buy American Act Compliance:

This product complies with the Buy American Act.

Optical

BUG Rating:

B1 U0 G2

ALED4T125N USA

RAB LIGHTING

Dimensions

23 7/16"
594 mm

4 1/2"
114 mm

8 3/8"
213 mm

3 1/2"
89 mm

Features

66% energy cost savings vs. HID

100,000-hour LED lifespan

Type IV distribution

5-year warranty

Ordering Matrix

Family	Optics	Wattage	Mounting	Color Temp	Finish	Driver Options	Photocell Options
ALED	4T	125		N			
	2T = Type II **3T** = Type III **4T** = Type IV	**50** = 50W **78** = 78W **105** = 105W **125** = 125W **150** = 150W	**Blank** = Pole mount **SF** = Slipfitter	**Blank** = 5000K (Cool) **N** = 4000K (Neutral) **Y** = 3000K (Warm)	**Blank** = Bronze **RG** = Roadway Gray **W** = White	**Blank** = 120-277V **/480** = 480V (not available for 150W) **/BL** = Bi-Level **/D10** = 0-10V Dimming	**Blank** = No Option **/PC** = 120V Button Photocell (Pole mount models only) **/PC2** = 277V Button Photocell (Pole mount models only) **/PCT** = 120-277V Twistlock Photocell (Pole mount models only) **/PCT4** = 480V Twistlock Photocell (Pole mount models only) **/PCS** = 120V Swivel Photocell **/PCS2** = 277V Swivel Photocell **/PCS4** = 480V Swivel Photocell **/WS2** = Multi-Level Motion Sensor 20 ft. (Only available 0-10V dimming models) **/WS4** = Multi-Level Motion Sensor 40 ft. (Only available 0-10V dimming models)

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

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