

ALED3T125/480



Specification grade area lights available in IES Type III distributions. 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: Bronze                      Weight: 32.0 lbs

Project:	Type:
Prepared By:	Date:

Driver Info		LED Info	
Type:	Constant Current	Watts:	125W
120V:	N/A	Color Temp:	5000K
208V:	N/A	Color Accuracy:	70 CRI
240V:	N/A	L70 Lifespan:	100000
277V:	N/A	Lumens:	14996
Input Watts:	135W	Efficacy:	111 LPW
Efficiency:	92%		

## 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: PRK8GDTZ

#### IESNA LM-79 & LM-80 Testing:

RAB LED luminaires 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 warranted 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 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 = 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, 347-480V, 50/60Hz, 0.30A, Power Factor 94.3%

#### THD:

14.1% at 480V

#### Ballast Volts:

480V

#### Surge Protection:

4kV

## Technical Specifications (continued)

### Other

#### Compatibility:

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

#### 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.

#### Buy American Act Compliance:

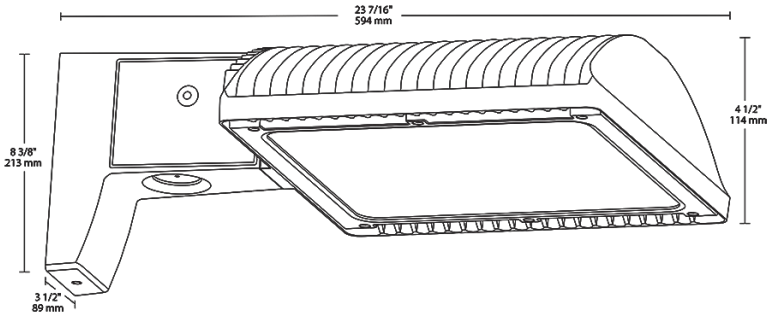
RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.

### Optical

#### BUG Rating:

B1 U0 G2

Dimensions



Features

- 66% energy cost savings vs. HID
- 100,000-hour LED lifespan
- Type III distribution
- 5-year warranty

Ordering Matrix

Family	Optics	Wattage	Mounting	Color Temp	Finish	Driver Options	Photocell Options
ALED	3T	125				/480	
	2T = Type II	50 = 50W 78 = 78W	Blank = Pole mount	Blank = 5000K (Cool)	Blank = Bronze	Blank = 120-277V /480 = 480V (not available for 150W)	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)
	3T = Type III	105 = 105W	SF = Slipfitter	N = 4000K (Neutral)	RG = Roadway Gray	/BL = Bi-Level /D10 = 0-10V Dimming	
	4T = Type IV	125 = 125W 150 = 150W		Y = 3000K (Warm)	W = White		