ALED3T125SFYK/480/PCS4

RAB | Outdoor

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

Color: Black   Weight: 32.0 lbs

Driver Info

Type:	Constant Current
120V:	0.89A
208V:	N/A
240V:	N/A
277V:	N/A
Input Watts:	134W
Efficiency:	93%

LED Info

Watts:	125W
Color Temp:	3000K (Warm)
Color Accuracy:	71 CRI
L70 Lifespan:	100,000
Lumens:	14,218
Efficacy:	106 LPW

Technical Specifications

Electrical

Photocell:

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

THD:

14.4% at 480V

Drivers:

Two Drivers, Constant Current, Class 2, 1750mA, 347-480V, 50/60Hz, 0.30A, Power Factor 94.1%

Ballast Volts:

480V

Surge Protection:

4kV

Listings

UL Listing:

Suitable for wet locations

IESNA LM-79 & LM-80 Testing:

RAB LED luminaires and LED components have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80.

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 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 = 2.2

Maximum Ambient Temperature:

Suitable for use in 40°C (104°F)

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:

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

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.

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. RAB's warranty is subject to all terms and conditions found at

Equivalency:

Replaces 350W Metal Halide

Technical Specifications (continued)

Other
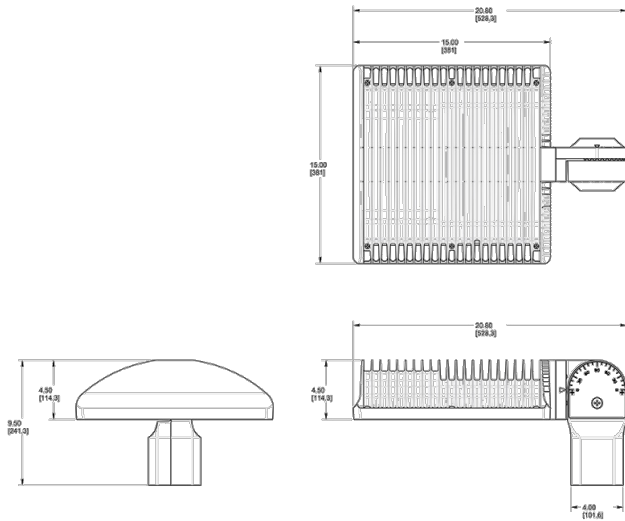
Buy American Act Compliance:

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

5-year warranty

Ordering Matrix

Family	Optics	Wattage	Mounting	Color Temp	Finish	Driver Options	Options	Other Options
ALED	3T	125	SF	Y	K	/480	/PCS4	^
	4T = Type IV **3T** = Type III **2T** = Type II	**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 **K** = Black	**Blank** = 120-277V **/480** = 480V **/BL** = Bi-Level **/D10** = 0-10V Dimming	**Blank** = No Option **/LC** = Lightcloud® Controller **/PCS** = 120V Swivel Photocell **/PCS2** = 277V Swivel Photocell **/PCT** = 120-277V Twistlock Photocell **/PCS4** = 480V Swivel Photocell **/PCT4** = 480V Twistlock Photocell **/WS2** = Multi-Level Motion Sensor 20 ft. **/WS4** = Multi-Level Motion Sensor 40 ft.	**Blank** = Standard **USA** = BAA Compliant

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

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