ALED4T125SFK/D10

RAB | Outdoor

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

Color: Black   Weight: 32.0 lbs

Driver Info

Type:	Constant Current
120V:	1.12A
208V:	0.70A
240V:	0.61A
277V:	0.52A
Input Watts:	135W
Efficiency:	93%

LED Info

Watts:	125W
Color Temp:	5000K (Cool)
Color Accuracy:	70 CRI
L70 Lifespan:	100,000
Lumens:	16,328
Efficacy:	121 LPW

Technical Specifications

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%.

THD:

5.3% at 120V, 15.4% at 277V

Driver:

One Driver, Constant Current, Class 2, 1800mA 100-277V, 50-60Hz, Power Factor 99%

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 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 = 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:

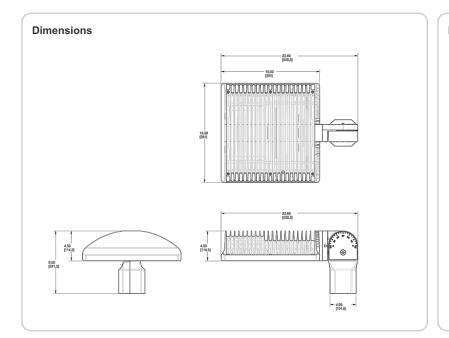Replaces 350W Metal Halide

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.

Technical Specifications (continued)

Optical

BUG Rating:

B1 U0 G2

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

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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	4T	125	SF	^	K	/D10	^	^

Family	Optics	Wattage	Mounting	Color Temp	Finish	Driver Options	Options	Other Options
	4T = Type IV	**50** = 50W	**Blank** = Pole mount	**Blank** = 5000K (Cool)	**Blank** = Bronze	**Blank** = 120-277V	**Blank** = No Option	**Blank** = Standard
	3T = Type III	**78** = 78W	**SF** = Slipfitter	**N** = 4000K (Neutral)	**RG** = Roadway Gray	**/480** = 480V	**/LC** = Lightcloud® Controller	**USA** = BAA Compliant
	2T = Type II	**105** = 105W		**Y** = 3000K (Warm)	**W** = White	**/BL** = Bi-Level	**/PCS** = 120V Swivel Photocell	
		125 = 125W			**K** = Black	**/D10** = 0-10V Dimming	**/PCS2** = 277V Swivel Photocell	
		150 = 150W					**/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.	