ALED4T125SFN/480/D10

RAB®

Project:	Type:
Prepared By:	Date:

Color: Bronze   Weight: 32.0 lbs

Technical Specifications

Compliance

UL Listed:
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: PQCMTZTY

IP Rating:
Ingress protection rating of IP66 for dust and water

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.

Performance

Lifespan:
100,000-Hour LED lifespan based on IES LM-80 results and TM-21 calculations

Wattage Equivalency:
Equvalent to 350W Metal Halide

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°.

Maximum Ambient Temperature:
Suitable for use in up to 40°C (104°F)

Cold Weather Starting:
The 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 1/2" thread mounting arm with "O" ring seal & stainless steel screws

Reflector:
Specular vacuum-metallized polycarbonate

Gaskets:
High-temperature silicone gaskets

Bracket EPA:
2.0.

Finish:
Formulated for high durability and long-lasting color

Green Technology:
Mercury and UV free. RoHS-compliant components.

LED Characteristics

LEDs:
Multi-chip, high-output, long-life LEDs

Color Stability:
LED color temperature is warrantied to shift no more than 200K in color temperature over a 5-year period

Color Uniformity:
RAB's range of 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.

Technical Specifications (continued)

Electrical

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

Dimming Driver:
Driver includes dimming control wiring for 0-10V dimming systems. Requires separate 0-10V DC dimming circuit. Dims down to 10%. See dimmer compatibility guide here.

THD:
15.1% at 480V

Power Factor:
94.1% at 480V

Ballast Volts:
480V

Surge Protection:
4kV

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 rablighting.com/warranty.

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.
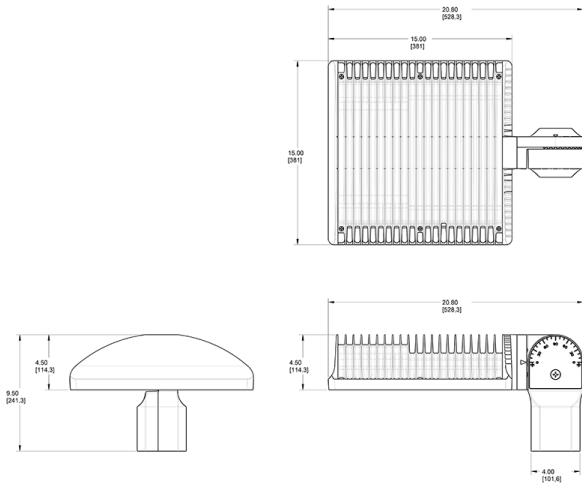
Optical

BUG Rating:
B1 U0 G2

ALED4T125SFN/480/D10

RAB

Dimensions

Features

66% energy cost savings vs. HID

100,000-hour LED lifespan

5-Year, No-Compromise Warranty

Ordering Matrix

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

Need help? Tech help line: **(888) 722-1000** Email: **sales@rablighting.com** Website: **www.rablighting.com**

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