ALEDL2TSFW/480/7PR

RAB



Proje	ect:	Туре:		
Prep	ared By:	Date:		
Driver li	nfo	LED Info		
Туре	Constant Current	Watts	260W	
120V	N/A	Color Temp	5000K (Cool)	
208V 240V	N/A N/A	Color Accuracy	85/85/84 CRI	
277V	N/A	L70 Lifespan	100,000 Hours	
Input Watts 170.5/225.9/263W		Lumens Efficacy	25360/32749/36992 148.7/145/140.7 lm/W	

Technical Specifications

Field Adjustability

Field Adjustable (Wattage):

Field adjustable light output in 3 discrete steps: Large Housing: 260W/220W/170W (factory default 260W)

Compliance

UL Listed:

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.

DLC Listed:

This product is listed by Design Lights Consortium (DLC) as an ultra-efficient premium product that qualifies for the highest tier of rebates from DLC Member Utilities. Designed to meet DLC 5.1 requirements.

DLC Product Code: S-159L04

LED Characteristics

LEDs:

Long-life, high-efficacy, discrete, surface-mount LEDs

Color Consistency:

7-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color

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 (SSL) Products, ANSI C78.377-2017.

Electrical

Driver:

170W: Constant Current, Non-Class 2, 480V, 50/60 Hz, 480V: 0.39A

220W: Constant Current, Non-Class 2, 480V, 50/60 Hz, 480V: 0.50A

260W: Constant Current, Non-Class 2, 480V, 50/60 Hz, 480V: 0.57A

Dimming Driver:

Driver includes dimming control wiring for 0-10V dimming systems. Requires separate 0-10V DC dimming circuit. Dims down to 10%.

THD:

4.38% 480V

Power Factor:

96.3% at 480V

Surge Protection:

Line to Line: 10kV Line to Ground: 6kV

7-Pin Receptacle:

ANSI C136.41 7-pin receptacle, compatible with wireless control systems

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Technical Specifications (continued)

Performance

Lifespan:

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

Construction

IES Classification:

The Type II distribution is meant for lighting large areas, located by the roadside. Typically found on wide walkways, on ramps, entrace roadways and bike paths.

IP Rating:

Ingress protection rating of IP66 for dust and water

Cold Weather Starting:

The minimum starting temperature is -40°C (-40°F)

Ambient Temperature:

Suitable for use in up to 40°C (104°F)

Housing:

Die-cast aluminum

Dimensions

Mounting:

2 3/8" slipfitter mount with stainless steel hardware

Tilt Increment: Rotates in 5 degree increments

Lens:

Reflector:

Polycarbonate lens

Aluminum reflector with white polycarbonate

Vibration Rating:

3G vibration rating per ANSI C136.31

Effective Projected Area:

EPA = 0.69

Gaskets:

High-temperature silicone gaskets

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 ten (10) 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 <u>rablighting.com/warranty</u>.

Buy American Act Compliance:

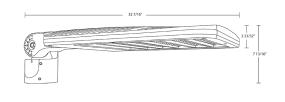
RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.

Equivalency:

Equivalent to 1,000W Metal Halide

Features

0-10V dimmable standard IP66 Rated 100,000-Hour LED lifespan 10-Year, No-Compromise Warranty



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Ordering Matrix

Family	Housing Size	Distribution	Mounting	Color Temp	Finish	Voltage	Options
ALED	L	2T	SF		W	/480	/7PR
	S = Small (80W/60W/40W) M = Medium (150W/90W/78W) L = Large (260W/220W/170W) XL = Extra Large (385W/345W/300W)	2T = Type II 3T = Type III 4T = Type IV 5T = Type V AT = Auto Dealership Optic	Blank = Universal Pole Mount SF = Slipfitter WM = Wall Mount	Blank = 5000K Cool N = 4000K Neutral	Blank = Bronze W = White B = Black	Blank = 120-277V, 0-10V Dimming /480 = 480V, 0-10V Dimming ¹	Blank = No Option /7PR = 7 Pin Twistlock Receptacle /WS2 = Wattstopper, 20ft lens /WS4 = Wattstopper, 40ft lens ²
			ble in Medium, Large ption available in Larg	5			