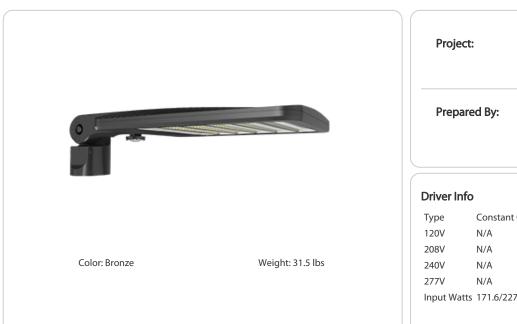
# ALEDL5TSFN/480/WS4

# RAB



Prepared By:Date:Driver InfoLED InfoTypeConstant CurrentWatts260W120VN/AColor Temp4000K (Neutral)208VN/AColor83/83/84 CRI240VN/AColor83/83/84 CRI240VN/AL70100,000 Hours1nput Watts171.6/227.7/264.2WLumens28481/36890/41273 ImEfficacy166/162/156.2 Im/W	Proje	ect:	Туре:			
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Efficacy 166/162/156.2 lm/W			L70	100,000 Hours		
	277V	N/A	L70 Lifespan	100,000 Hours 28481/36890/41273 lm		

## **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

#### **IP Rating:**

Ingress protection rating of IP66 for dust and water

## **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-BGM9P2

## 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: 4.16% 480V

**Power Factor:** 96.4% at 480V

### Surge Protection:

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

## Performance

### Lifespan:

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

## Wattage Equivalency:

Equivalent to 1,000W Metal Halide

## Construction

#### IES Classification:

The Type V distribution produces light in a wide and uniform 360° pattern that is perfect for large outdoor areas such as parking lots, corporate parks and retail settings

#### **Cold Weather Starting:**

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

## Ambient Temperature :

Max Power Temp Rating: 40°C (104°F) Middle Power Temp Rating: 43°C (110°F) Low Power Temp Rating: 51°C (125°F)

Housing:

Die-cast aluminum

Need help? Tech help line: (888) 722-1000 Email: sales@rablighting.com Website: www.rablighting.com Copyright © 2023 RAB Lighting All Rights Reserved Note: Specifications are subject to change at any time without notice

# ALEDL5TSFN/480/WS4

## **Technical Specifications (continued)**

#### Mounting:

2 3/8" slipfitter mount with stainless steel hardware

**Tilt Increment:** Rotates in 5 degree increments

Lens: Polycarbonate lens

**Reflector:** Aluminum reflector with white polycarbonate

**Vibration Rating:** 3G vibration rating per ANSI C136.31

## Effective Projected Area:

1 Fixture: 0.65 2 Fixtures at 90°: 1.02 2 Fixtures at 180°: 1.31 3 Fixtures at 90°: 1.68 4 Fixtures at 90°: 1.68

#### Gaskets:

High-temperature silicone gaskets

#### Finish:

Formulated for high durability and long-lasting color

#### Green Technology:

Mercury and UV free. RoHS-compliant components.

#### **Sensor Specifications**

#### Multi Level Motion Sensor:

/WS4 sensor options use state-of-the-art surface mount technology (SMT), just like cellular phones and beepers. SMT gives you more reliability, greater RF<sup>©</sup>immunity. This compact sensor that can fit neatly where others cannot. This sensor technology automatically affects the state of operation for lighting systems or individual luminaries based upon detecting the presence or absence of movement for both people as they exit/enter, or for the motion of moving vehicles within the sensors viewing area. The wide 180° viewing angle can detect movement along the entire side of a building with only one compact sensor. The hard lens is molded as part of the case, vandalproof, rainproof, bugproof and absolutely sealed. Sensor functions best when movement is across its detection pattern, not towards the sensor.

### Handheld Wireless Configuration Tool:

Adjust settings using handheld wireless configuration tool (catalog# WSREM). Only available with 0-10V dimming driver options. <u>Handheld</u> wireless configuration tool available here.

## Optical

Bug Rating: BUG Rating 260W: B5 U0 G3 BUG Rating 220W: B5 U0 G3 BUG Rating 170W: B5 U0 G3

## Other

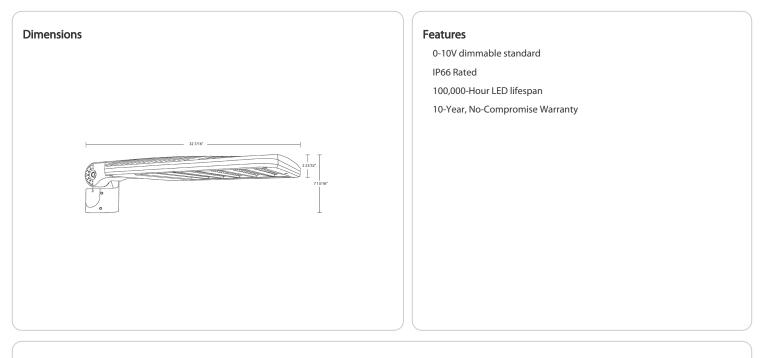
#### Warranty:

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.

# ALEDL5TSFN/480/WS4



## **Ordering Matrix**

Family	Housing Size	Distribution	Mounting	Color Temp	Finish	Voltage	Options
ALED	L	5T	SF	Ν		/480	/WS4
	S = Small (80W/60W/40W) M = Medium (150W/90W/78W) L = Large (260W/220W/170W) XL = Extra Large (385W/345W/300W)	<b>3T =</b> Type III <b>4T =</b> Type IV	Blank = Universal Pole Mount SF = Slipfitter WM = Wall Mount	Blank = 5000K Cool N = 4000K Neutral Y = 3000K Warm	Blank = Bronze W = White B = Black	Blank = 120-277V, 0-10V Dimming /480 = 480V, 0-10V Dimming <sup>1</sup>	Blank = No Option /7PR = 7 Pin Twistlock Receptacle /WS2 = Wattstopper, 20ft lens /WS4 = Wattstopper, 40ft lens <sup>2</sup>
			ble in Medium, Large ption available in Larg	5			