# ALEDMATWMW/480/7PR





Project:	Туре:
Prepared By:	Date:

Driver Info		LED Info		
Type	Constant Current	Watts	150W	
	N/A	Color Temp	5000K (Cool)	
208V	N/A	Color		
	N/A N/A 5 74.2/90.3/144.7W	Accuracy	85 CRI	
		L70 Lifespan	100,000 Hours	
		Lumens	10729/12969/19579 lm	
		Efficacy	144.6/143.7/135.3 lm/W	

## **Technical Specifications**

#### **Field Adjustability**

## Field Adjustable (Wattage):

Field adjustable light output in 3 discrete steps: Medium Housing: 150W/90W/78W (factory default 150W)

## 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-YEKJMS

#### **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:

78W: Constant Current, Class 2, 480V, 50/60 Hz, 480V:0.20A

90W: Constant Current, Class 2, 480V, 50/60 Hz, 480V:0.23A

150W: Constant Current, Non-Class 2, 480V, 50/60 Hz, 480V: 0.32A

## **Dimming Driver:**

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

#### THD:

5.99% 480V

## **Power Factor:**

95.8% 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

## Performance

## Lifespan:

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

#### Wattage Equivalency:

Equivalent to 400W Metal Halide

## Construction

## IES Classification:

Car Dealership optics have a wide distribution with an intentional hot spot that helps to deliver eyecatching light to the front row of cars in a dealership lot while also minimizing "backspill" (light that is thrown back towards the street).

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

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

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## **Technical Specifications (continued)**

### **Ambient Temperature:**

Max Power Temp Rating: 40°C (104°F) Middle Power Temp Rating: 52°C (125°F) Low Power Temp Rating: 54°C (130°F)

#### Housing:

Die-cast aluminum

#### Lens:

Polycarbonate lens

#### Reflector:

Aluminum reflector with white polycarbonate

#### **Vibration Rating:**

3G vibration rating per ANSI C136.31

## **Effective Projected Area:**

- 1 Fixture: 0.37
- 2 Fixtures at 90°: 0.59
- 2 Fixtures at 180°: 0.74
- 3 Fixtures at 90°: 0.96
- 4 Fixtures at 90°: 0.96

#### Gaskets:

High-temperature silicone gaskets

## Finish:

Formulated for high durability and long-lasting color

## Green Technology:

Mercury and UV free. RoHS-compliant components.

## Installation

## Mounting:

Wall mount

## Optical

## **Bug Rating:**

BUG Rating 150W: B3 U0 G2 BUG Rating 90W: B2 U0 G1 BUG Rating 78W: B2 U0 G1

## Other

### Warranty:

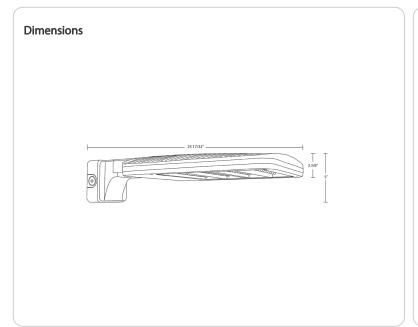
RAB warrants that our LED products will be free from defects in materials and workmanship for a period of ten (10) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish. RAB's warranty is subject to all terms and conditions found at <a href="mailto:rable-trans-rable-t

### **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.

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## **Features**

0-10V dimmable standard

IP66 Rated

100,000-Hour LED lifespan

10-Year, No-Compromise Warranty

Family ALED	Housing Size M	Distribution AT	Mounting WM	Color Temp	Finish W	Voltage /480	Options /7PR
	<b>M</b> = Medium (150W/90W/78W)	3T = Type III	Pole Mount	Cool	Bronze	0-10V Dimming	/7PR = 7 Pin Twistloc
	<b>L</b> = Large (260W/220W/170W)	4T = Type IV	SF = Slipfitter	N = 4000K	W = White	<b>/480 =</b> 480V, 0-10V	Receptacle
	<b>XL =</b> Extra Large	<b>5T =</b> Type V	<b>WM</b> = Wall Mount	Neutral	$\mathbf{B} = Black$	Dimming <sup>1</sup>	/WS2 = Wattstopper
	(385W/345W/300W)	AT = Auto Dealership		Y = 3000K			20ft lens
		Optic		Warm			/WS4 = Wattstopper 40ft lens <sup>2</sup>