ALEDMATSFYAW/7PR





Project:	Туре:
Prepared By:	Date:

Driver Inf	fo	LED Info	
Туре	Constant Current	Watts	90/78W
120V	1.25A	Color Temp	Amber
208V	0.73A	Color Accuracy	N/A
240V	0.63A	L70 Lifespan	100,000 Hours
277V	0.55A	Lumens	7,916/7,038 lm
Input Wat	ts 91.3/74.8W	Efficacy	86.7/94.1 lm/W

Technical Specifications

Field Adjustability

Field Adjustable (Wattage):

Field adjustable light output in 2 discrete steps: Medium Housing:90W/78W (factory default 90W)

Compliance

UL Listed:

Suitable for wet locations

IP Rating:

Ingress protection rating of IP66 for dust and water

LED Characteristics

LEDs:

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

Electrical

Driver:

78W: Constant Current, Class 2, 120-277V, 50/60 Hz, 120V: 0.65A, 208V: 0.38A, 240V: 0.33A, 277V: 0.29A

90W: Constant Current, Class 2, 120-277V, 50/60 Hz, 120V: 0.75A, 208V: 0.44A, 240V: 0.38A, 277V: 0.33A

150W: Constant Current, Non-Class 2, 120-277V, 50/60 Hz, 120V: 1.25A, 208V: 0.73A, 240V: 0.63A, 277V: 0.55A

Dimming Driver:

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

THD

5.57% at 120V, 11.83% at 277V

Power Factor:

99.8% at 120V, 90.2% at 277V

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)

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

Mounting:

2 3/8" slipfitter mount with stainless steel hardware

Tilt Increment:

Rotates in 5 degree increments

Lens:

Polycarbonate lens

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Technical Specifications (continued)

Reflector

Aluminum reflector with white polycarbonate

Vibration Rating:

3G vibration rating per ANSI C136.31

Effective Projected Area:

EPA = 0.44

Gaskets:

High-temperature silicone gaskets

Finish:

Formulated for high durability and long-lasting color

Green Technology:

Mercury and UV free. RoHS-compliant components.

Optical

BUG Rating:

BUG Rating 90W: B1 U0 G1 BUG Rating 78W: B1 U0 G1

Other

Warranty:

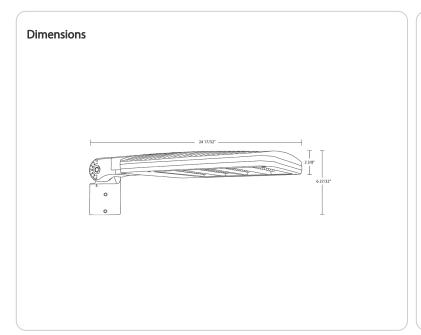
RAB warrants that our LED products will be free from defects in materials and workmanship for a period of ten (10) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish. RAB's warranty is subject to all terms and conditions found at 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.

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Features

Wildlife-friendly amber light

0-10V dimmable standard

IP66 Rated

100,000-Hour LED lifespan

10-Year, No-Compromise Warranty

Matrix						
Housing Size	Distribution	Mounting	Wavelength	Finish	Voltage	Options
М	AT	SF	YA	W		/7PR
S = Small (60W/40W) M = Medium (90W/78W)	2T = Type II 1 3T = Type III 4T = Type IV 1 5T = Type V AT = Auto Dealership Optic 1	Blank = Universal Pole Mount SF = Slipfitter WM = Wall Mount	YA = Amber	Blank = Bronze W = White 'B = Black'	Blank = 120-277V, 0-10V Dimming /480 = 480V, 0-10V Dimming ²	/7PR = 7 Pin Twistlock Receptacle Blank = No Option
	Housing Size M S = Small (60W/40W) M = Medium	Housing Size Distribution	Housing Size Distribution Mounting M AT SF S = Small (60W/40W) M = Medium (90W/78W) 4T = Type II 4T = Type IV 5T = Type V AT = Auto Dealership Optic SF = Slipfitter WM = Wall Mount SF = Slipfitter WM = Wall Mount	Housing Size Distribution Mounting Wavelength AT SF YA S = Small (60W/40W) M = Medium (90W/78W) AT = Type III 4T = Type IV 5T = Type V AT = Auto Dealership Optic 1 SPecial order.	Housing Size Distribution Mounting Wavelength Finish M AT SF YA W S = Small (60W/40W) M = Medium (90W/78W) 4T = Type III 4T = Type IV 5T = Type V AT = Auto Dealership Optic Mount SF = Slipfitter WM = Wall Mount SF = Slipfitter WM = Wall Mount SF = Slipfitter WM = Wall Mount SF = Slipfitter WM = Wall Mount	Housing Size Distribution Mounting Wavelength Finish Voltage M SF YA W S = Small (60W/40W) M = Medium (90W/78W) 4T = Type II 4T = Type V 5T = Type V AT = Auto Dealership Optic 1 Distribution Mounting Wavelength Finish Voltage YA = Amber Mount SF = Slipfitter WM = Wall Mount SF = Slipfitter WM = Wall Mount 1 Special order.