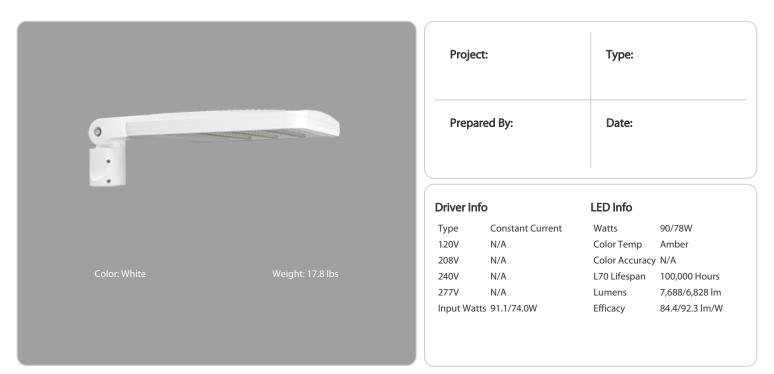
# ALEDMATSFYAW/480/7PR

# RAB



# **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

LED Characteristics

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

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

## Electrical

Driver:

LEDs

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:** 17.54% at 480V

**Power Factor:** 89.8% 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)

## 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

# ALEDMATSFYAW/480/7PR

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

# **BUG Rating:**

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

# Other

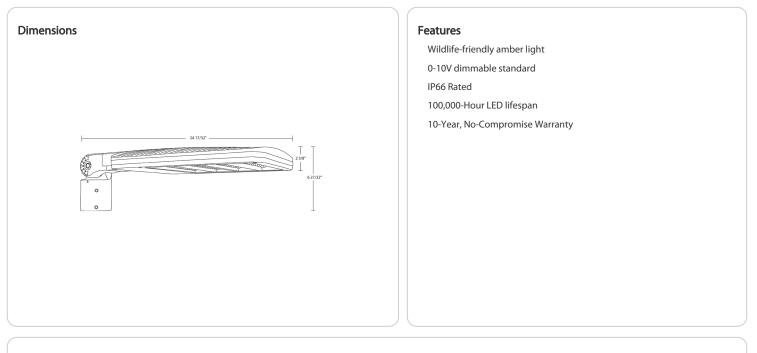
# Warranty:

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.

# ALEDMATSFYAW/480/7PR



# **Ordering Matrix**

Family	Housing Size	Distribution	Mounting	Wavelength	Finish	Voltage	Options
ALED	М	AT	SF	YA	W	/480	/7PR
	S = Small (60W/40W) M = Medium (90W/78W)	2T = Type II <sup>1</sup> 3T = Type III 4T = Type IV <sup>1</sup> 5T = Type V AT = Auto Dealership Optic <sup>1</sup>	Blank = Universal Pole Mount SF = Slipfitter WM = Wall Mount	Y <b>A =</b> Amber	Blank = Bronze W = White <sup>1</sup> B = Black <sup>1</sup>	Blank = 120-277V, 0-10V Dimming /480 = 480V, 0-10V Dimming <sup>2</sup>	/7PR = 7 Pin Twistlock Receptacle Blank = No Option
			<sup>1</sup> Special <sup>2</sup> 480V is only available		ium		