ALEDM5TSFYAW/480

RAB

Project:	Type:
Prepared By:	Date:

Driver Info

Type	Constant Current
120V	N/A
208V	N/A
240V	N/A
277V	N/A
Input Watts	90.6/73.9W

LED Info

Watts	90/78W
Color Temp	Amber
Color Accuracy	N/A
L70 Lifespan	100,000 Hours
Lumens	8,470/7,375 lm
Efficacy	93.5/99.8 lm/W

Color: White   Weight: 17.8 lbs

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, 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:
17.62% at 480V

Power Factor:
89.6% 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 400W 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: 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

Reflector:
Aluminum reflector with white polycarbonate

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

Effective Projected Area:
EPA = 0.44

Technical Specifications (continued)

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: B4 U0 G2
BUG Rating 90W: B4 U0 G2
BUG Rating 78W: B3 U0 G2

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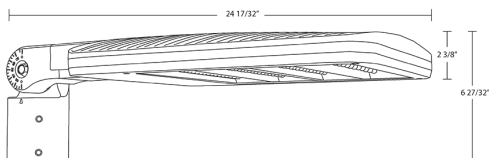BUG Rating 78W: B3 U0 G1

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.

Dimensions

24 17/32"
2 3/8"
6 27/32"

Features

Wildlife-friendly amber light

0-10V dimmable standard

IP66 Rated

100,000-Hour LED lifespan

10-Year, No-Compromise Warranty

Ordering Matrix

Family	Housing Size	Distribution	Mounting	Wavelength	Finish	Voltage	Options
ALED	M	5T	SF	YA	W	/480	
	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 [1] **B =** Black [1]	**Blank =** 120-277V, 0-10V Dimming **/480 =** 480V, 0-10V Dimming [2]	**/7PR =** 7 Pin Twistlock Receptacle **Blank =** No Option

[1] *Special order.*
[2] *480V is only available in ALED Medium.*

Need help? Tech help line: **(888) 722-1000** Email: **sales@rablighting.com** Website: **www.rablighting.com**

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