ALEDM2TWMYAB/7PR

RAB®

Color: Black   Weight: 16.5 lbs

Driver Info

Type	Constant Current
120V	1.25A
208V	0.73A
240V	0.63A
277V	0.55A
Input Watts	90.2/73.9W

LED Info

Watts	90/78W
Color Temp	Amber
Color Accuracy	N/A
L70 Lifespan	100,000 Hours
Lumens	6,773/6,022 lm
Efficacy	75.1/81.5 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:
5.65% at 120V, 12.17% at 277V

Power Factor:
99.8% at 120V, 90% 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:
The Type II distribution is meant for lighting large
areas, located by the roadside. Typically found on
wide walkways, on ramps, entrace roadways and
bike paths.

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

Lens:
Polycarbonate lens

Reflector:
Aluminum reflector with white polycarbonate

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

Effective Projected Area:
EPA = 0.35

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.

Installation

Mounting:
Wall mount

Optical

BUG Rating:
BUG Rating 60W: B3 U0 G2
BUG Rating 90W: B3 U0 G1
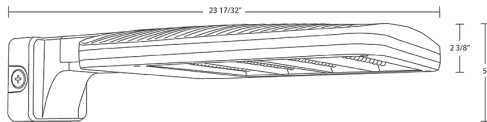Bug Rating 78W: B3 U0 G1

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

Features

Wildlife-friendly amber light

0-10V dimmable standard

IP66 Rated

100,000-Hour LED lifespan

10-Year, No-Compromise Warranty

RAB®

Ordering Matrix

Family	Housing Size	Distribution	Mounting	Wavelength	Finish	Voltage	Options
ALED	M	2T	WM	YA	B		/7PR

Family	Housing Size	Distribution	Mounting	Wavelength	Finish	Voltage	Options
	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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