ALEDM4TWMYAB/WS2

RAB

Project:	Type:
Prepared By:	Date:

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	90.1/73.8W		

LED Info

Watts	90/78W
Color Temp	Amber
Color Accuracy	N/A
L70 Lifespan	100,000 Hours
Lumens	7,659/6,810 lm
Efficacy	85.0/92.3 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:
5.53% at 120V, 12.07% at 277V

Power Factor:
99.8% at 120V, 89.9% at 277V

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 IV distribution is especially suited for
mounting on the sides of buildings and walls, and
for illuminating the perimeter of parking areas. It
produces a semicircular distribution with essentially
the same candlepower at lateral angles from 90° to
270°.

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

Gaskets:
High-temperature silicone gaskets

Finish:
Formulated for high durability and long-lasting color

Technical Specifications (continued)

Green Technology:

Mercury and UV free. RoHS-compliant components.

Installation

Mounting:

Wall mount

Sensor Specifications

Multi Level Motion Sensor:

/WS2 sensor options use state-of-the-art surface mount technology (SMT), just like cellular phones and beepers. SMT gives you more reliability, greater RF immunity. This compact sensor that can fit neatly where others cannot. This sensor technology automatically affects the state of operation for lighting systems or individual luminaries based upon detecting the presence or absence of movement for both people as they exit/enter, or for the motion of moving vehicles within the sensors viewing area. The wide 180° viewing angle can detect movement along the entire side of a building with only one compact sensor. The hard lens is molded as part of the case, vandalproof, rainproof, bugproof and absolutely sealed. Sensor functions best when movement is across its detection pattern, not towards the sensor.

Optical

BUG Rating:

BUG Rating 150W: B2 U0 G4
BUG Rating 90W: B1 U0 G3
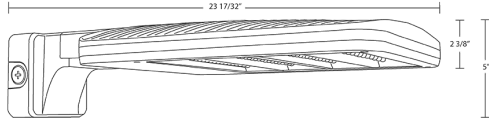Bug Rating 78W: B1 U0 G3

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

23 17/32"

2 3/8"

5"

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	4T	WM	YA	B		/WS2
	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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