



Color: Black Weight: 16.5 lbs

Project:	Туре:
Prepared By:	Date:

Driver Info	•	LED Info	
Type	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	7,392/6,572 lm
Input Watts	89.8/73.6W	Efficacy	82.3/89.3 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, 12.2% 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 III distribution is meant to be located near the side of an area, projecting the light outward to fill the area. Ideal for roadways, general parking areas, lighting applications and where a large pool of light is required.

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

ALEDM3TWMYAB/WS2



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 RFMimmunity. 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 G3 BUG Rating 90W: B2 U0 G2 Bug Rating 78W: B1 U0 G2

Other

Warranty:

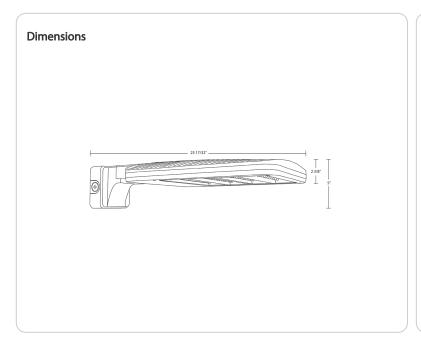
RAB warrants that our LED products will be free from defects in materials and workmanship for a period of ten (10) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish. RAB's warranty is subject to all terms and conditions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

ALEDM3TWMYAB/WS2





Features

Wildlife-friendly amber light

0-10V dimmable standard

IP66 Rated

100,000-Hour LED lifespan

10-Year, No-Compromise Warranty

M = Small (60W/40W) M = Medium	3T = Type II 1	WM Blank = Universal Pole	YA = Amber	B Blank =	Blank = 120-277V,	/WS2 / 7PR = 7 Pin Twistlock
,			YA = Amber	Blank =	Blank = 120-277V,	/7PR = 7 Pin Twistlock
(90W/78W)	3T = Type III 4T = Type IV ¹ 5T = Type V AT = Auto Dealership Optic ¹	Mount SF = Slipfitter WM = Wall Mount		Bronze W = White ' B = Black '	0-10V Dimming / 480 = 480V, 0-10V Dimming ²	Receptacle Blank = No Option
		¹ Special o	order.			
		5T = Type V AT = Auto Dealership	ST = Type V WM = Wall Mount AT = Auto Dealership Optic 1 1 Special of	5T = Type V AT = Auto Dealership Optic Special order.	5T = Type V WM = Wall Mount B = Black 1 AT = Auto Dealership Optic 1	5T = Type V WM = Wall Mount B = Black 1 Dimming 2 AT = Auto Dealership Optic 1 1 Special order.