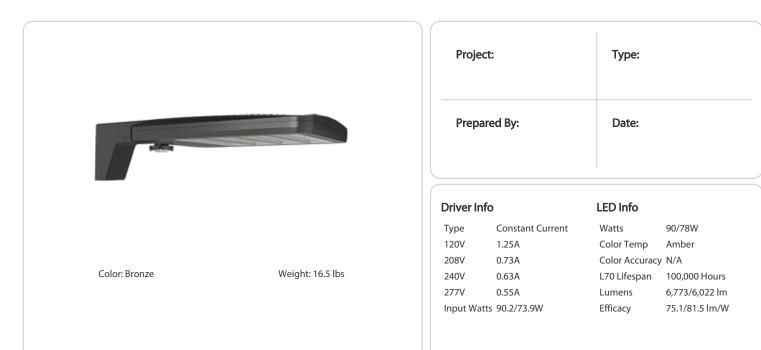
ALEDM2TYA/WS2

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

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 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 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

Mounting:

Universal mounting arm compatible for hole spacing patterns from 1" to 5 1/2" center to center. Round Pole Adaptor plate included as a standard. Easy slide and lock to mount fixture with ease.

Lens: Polycarbonate lens

Reflector: Aluminum reflector with white polycarbonate

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

Effective Projected Area: EPA = 0.34

Gaskets:

High-temperature silicone gaskets

Technical Specifications (continued)

Finish:

Formulated for high durability and long-lasting color

Green Technology:

Mercury and UV free. RoHS-compliant components.

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 90W: B2 U0 G1 BUG Rating 78W: B2 U0 G1

Other

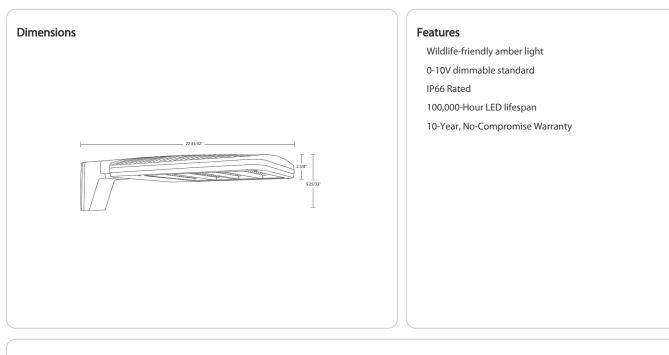
Warranty:

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 <u>rablighting.com/warranty</u>.

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.

ALEDM2TYA/WS2



Ordering Matrix

Housing Size	Distribution	Mounting	Wavelength	Finish	Voltage	Options
Μ	2T		YA			/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	Y A = 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
	S = Small (60W/40W) M = Medium	S = Small (60W/40W) 2T = Type II ¹ M = Medium 3T = Type III (90W/78W) 4T = Type IV ¹ ST = Type V ST = Type V AT = Auto Dealership	S = Small (60W/40W) 2T = Type II ¹ Blank = Universal Pole M = Medium 3T = Type II ¹ Mount (90W/78W) 4T = Type IV ¹ SF = Slipfitter ST = Type V AT = Auto Dealership WM = Wall Mount Optic ¹ ¹ Special dealership	S = Small (60W/40W) 2T = Type III ¹ Blank = Universal Pole YA = Amber M = Medium 3T = Type III ¹ Mount SF = Slipfitter (90W/78W) 4T = Type IV ¹ SF = Slipfitter M = Auto Dealership Optic ¹ WM = Wall Mount	S = Small (60W/40W) 2T = Type II 1 Blank = Universal Pole YA = Amber Blank = M = Medium (90W/78W) 3T = Type III Mount Bronze 4T = Type IV 1 5T = Type V SF = Slipfitter W = White 1 AT = Auto Dealership Optic 1 Optic 1 Blank = Universal Pole YA = Amber	S = Small (60W/40W) 2T = Type III ¹ Blank = Universal Pole YA = Amber Blank = Blank = 120-277V, M = Medium 3T = Type III ¹ Mount Bronze W = White ¹ 0-10V Dimming (90W/78W) 4T = Type IV ¹ SF = Slipfitter W = White ¹ H80 = 480V, 0-10V M = Auto Dealership Optic ¹ W = Wall Mount B = Black ¹ Dimming ²