

ALED Power-Selectable Area Lights (Amber Wavelength) **RAB**

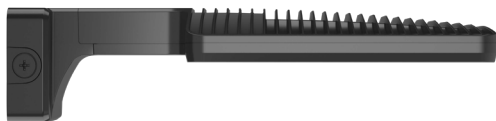
Universal Pole Mount



Slipfitter Mount



Wall Mount



ALED Arealights with Selectable Power (Amber Wavelength)



0-10V



100,000
HOURS



WET
RATED



IP RATING



FIELD
ADJUSTABLE

TECHNICAL SPECIFICATIONS

CONSTRUCTION

Cold Weather Starting

Minimum starting temperature is -40°C (-40°F)

Maximum Ambient Temperature

Middle Power Temp Rating: 40°C (104°F)

Low Power Temp Rating: 53°C (127°F)

Wavelength

614-624 nm

Housing

Die-cast aluminum

Mounting

Pole Universal Pole Mount, Slipfitter or Wall Mount

Tilt increment:

Slipfitter: 5°

Lens

Polycarbonate lens

Gasket

High-temperature silicone gasket

Reflector

Aluminum reflector with white polycarbonate

Green Technology

Mercury and UV free. RoHS-compliant components.

Finish

Formulated for high durability and long lasting color.

IES Classifications

Type II - Ideal for wide walkways, on ramps and entrance roadways, bike paths, and other long/narrow applications. This type is meant for lighting larger areas is usually located near the roadside.

PROJECT:

DATE:

TYPE:

PREPARED BY:



KEY FEATURES

- * Available in two different sizes with Selectable wattages:
SMALL: 60/40W and MEDIUM: 90/78W
- * **Wildlife-friendly** amber light
- * Distribution Type III and Type V available. Type II, Type IV and AT are special order options
- * Voltage rating: 120-277V. 480V available as a special order option for medium fixtures only.
- * **Universal Pole, Slipfitter** and **Wall Mount** available on all models
- * Available in **bronze** finish. **White** and **Black** are special order options.
- * UL listed for **wet location**
- * **IP66** listed
- * **0-10V** dimmable

CONSTRUCTION (CONTINUED)

IES Classifications (Continued)

Type III - Ideal for roadway, general parking, and other area lighting applications where a larger pool of lighting is required. It is intended to be located near the side of the area, allowing the light to project outward and fill the area.

Type IV - Also known as "forward throw", it 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°.

Type V - Produces a wide and uniform 360° pattern that is perfect for large outdoor areas such as parking lots and pathways.

Auto Dealership - Car Dealership optics have a wide distribution with an intentional hot spot that helps to deliver eye-catching light to the front row of

COMPLIANCE

UL Listed

Suitable for wet locations

IP Listing

Ingress protection rating of IP66 for dust and water

LED CHARACTERISTICS

LEDS

Long-life, high-efficacy with amber wavelength, discrete, surface-mount LEDs

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TECHNICAL SPECIFICATIONS (CONTINUED)

ELECTRICAL

Drivers: 120-277V

ALED (Small)

Constant Current, Class 2, 120-277V, 50/60 Hz

40W: 120V: 0.34A, 208V: 0.20A, 240V: 0.17, 277V: 0.15A

60W: 120V: 0.50A, 208V: 0.30A, 240V: 0.25, 277V: 0.22A

ALEDM (Medium)

Constant Current, Class 2, 120-277V, 50/60 Hz

78W: 120V: 0.65A, 208V: 0.38A, 240V: 0.33A, 277V: 0.29A

90W: 120V: 0.75A, 208V: 0.44A, 240V: 0.38A, 277V: 0.33A

Surge Protection

Line to Line: 10kV

Line to Ground: 6kV

Dimming Driver

Driver includes dimming control wiring for 0-10V dimming systems. Requires separate 0-10V DC dimming circuit. Dims down to 10%.

PERFORMANCE

Lifespan

100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations

OTHER

Warranty

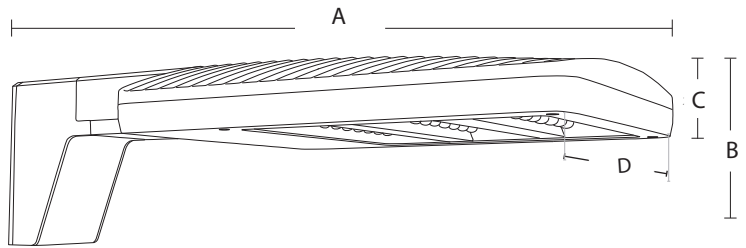
RAB warrants that our LED products will be free from defects in materials and workmanship for a period of ten (10) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish. RAB's warranty is subject to all terms and conditions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

Buy American Act Compliance:

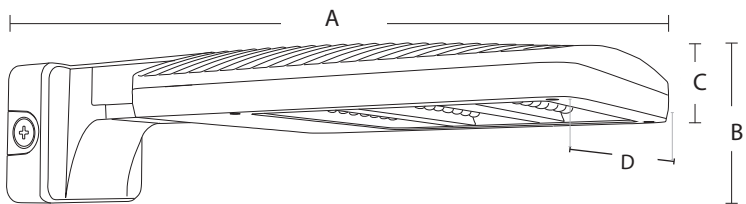
RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the BUY American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.

DIMENSIONS

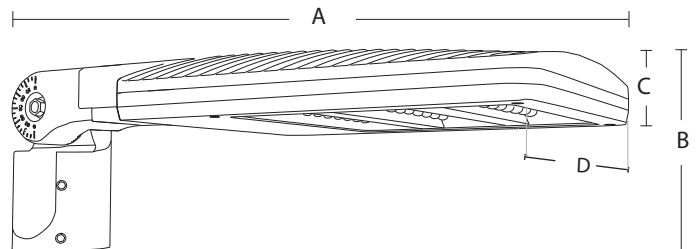
ALED	UNIVERSAL POLE MOUNT				
Fixture Size	A	B	C	D	Weight
SMALL	21 1/16"	5 3/4"	2 3/8"	10 9/16"	13.2 lbs
MEDIUM	23"	5 3/4"	2 3/8"	10 9/16"	16.5 lbs



ALED	WALL MOUNT				
Fixture Size	A	B	C	D	Weight
SMALL	21 11/16"	5"	2 3/8"	17 1/14"	13.2 lbs
MEDIUM	23 1/2"	5"	2 3/8"	17 1/14"	16.5 lbs



ALED	SLIPFITTER MOUNT				
Fixture Size	A	B	C	D	Weight
SMALL	22 11/16"	6 7/8"	2 3/8"	12 1/2"	14.7 lbs
MEDIUM	24 1/2"	6 7/8"	2 3/8"	12 1/2"	17.8 lbs



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PERFORMANCE

ALEDS TYPE II	AMBER	AMBER
Watts	60W	40W
Input Watt	57W	39.5W
Lumens	4483	3482
Lm/W	78.6	88.2
Voltage Ratings	120-277V	

ALEDS TYPE III	AMBER	AMBER
Watts	60W	40W
Input Watt	58.5W	40.6W
Lumens	4401	3418
Lm/W	75.2	84.2
Voltage Ratings	120-277V	

ALEDS TYPE IV	AMBER	AMBER
Watts	60W	40W
Input Watt	57.3W	39.7W
Lumens	4736	3678
Lm/W	82.7	92.6
Voltage Ratings	120-277V	

ALEDS TYPE V	AMBER	AMBER
Watts	60W	40W
Input Watt	57.9W	40.2W
Lumens	5502	4236
Lm/W	95.0	105.4
Voltage Ratings	120-277V	

ALEDS TYPE AT	AMBER	AMBER
Watts	60W	40W
Input Watt	58.4W	40.5W
Lumens	4854	3770
Lm/W	83.1	93.1
Voltage Ratings	120-277V	

ALEDM TYPE II	AMBER	AMBER
Watts	90W	78W
Input Watt	90.2W	73.9W
Lumens	6773	6022
Lm/W	75.1	81.5
Voltage Ratings	120-277V	

ALEDM TYPE III	AMBER	AMBER
Watts	90W	78W
Input Watt	89.8W	73.6W
Lumens	7392	6572
Lm/W	82.3	89.3
Voltage Ratings	120-277V	

ALEDM TYPE IV	AMBER	AMBER
Watts	90W	78W
Input Watt	90.1W	73.8W
Lumens	7659	6810
Lm/W	85	92.3
Voltage Ratings	120-277V	

ALEDM TYPE V	AMBER	AMBER
Watts	90W	78W
Input Watt	89.9W	74.3W
Lumens	8369	7374
Lm/W	93.1	99.2
Voltage Ratings	120-277V	

ALEDM TYPE AT	AMBER	AMBER
Watts	90W	78W
Input Watt	91.3W	74.8W
Lumens	7916	7038
Lm/W	86.7	94.1
Voltage Ratings	120-277V	

ALEDM TYPE II	AMBER	AMBER
Watts	90W	78W
Input Watt	90W	73.1W
Lumens	6923	6149
Lm/W	76.9	84.1
Voltage Ratings	480V	

ALEDM TYPE III	AMBER	AMBER
Watts	90W	78W
Input Watt	90.6W	73.6W
Lumens	7227	6419
Lm/W	79.8	87.2
Voltage Ratings	480V	



ALEDM TYPE IV	AMBER	AMBER
Watts	90W	78W
Input Watt	91.6W	74.4W
Lumens	7784	6913
Lm/W	85	92.9
Voltage Ratings	480V	

ALEDM TYPE V	AMBER	AMBER
Watts	90W	78W
Input Watt	90.6W	73.9W
Lumens	8470	7375
Lm/W	93.5	99.8
Voltage Ratings	480V	

ALEDM TYPE AT	AMBER	AMBER
Watts	90W	78W
Input Watt	91.1W	74W
Lumens	7688	6828
Lm/W	84.4	92.3
Voltage Ratings	480V	

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ACCESSORIES

IMAGE	SKU#	UPC	DESCRIPTION	DIMENSIONS (LXWXH)
	ALED SHS	192552028714	ALED SHS HOUSE SIDE SHIELD WITH 4 SCREWS	10 3/8" X 10 1/4" X 6"
	ALED MHS	192552028721	ALED MHS HOUSE SIDE SHIELD WITH 4 SCREWS	12 3/16" X 12 1/4" X 6"

ORDERING MATRIX

ALED

Family	Housing Size	Distribution	Mounting	Wavelength	Finish	Voltage*	Options								
ALED				YA											
S	Small (FA 60/40W)	2T *	Type II	BLANK	Universal Pole Mount	YA	Amber	BLANK	Bronze	BLANK	120-277V	BLANK	No Option		
M	Medium (FA 90/78W)	3T	Type III	W *	Slipfitter	WM	Wall Mount	W *	White	/480 ¹	480V	/7PR *	7-Pin Receptacle		
		4T *	Type IV	B *				Black							
		5T	Type V												
		AT *	Auto Dealership Optic												

* Available as a special order item

¹ 480V available only on Medium fixtures, as a special order item

*0-10V Dimming standard