ALEDS3TWMYAW/7PR

RAB®

Project:	Type:
Prepared By:	Date:

Color: White   Weight: 13.2 lbs

Driver Info

Type	Constant Current
120V	0.67A
208V	0.40A
240V	0.34A
277V	0.30A
Input Watts	58.5/40.6W

LED Info

Watts	60/40W
Color Temp	Amber
Color Accuracy	N/A
L70 Lifespan	100,000 Hours
Lumens	4,401/3,418 lm
Efficacy	75.2/84.2 lm/W

Technical Specifications

Field Adjustability

Field Adjustable (Wattage):
Field adjustable light output in 2 discrete steps:
Small Housing: 60W/40W (factory default 60W)

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:
40W: Constant Current, Class 2, 120-277V, 50/60 Hz, 120V: 0.34A, 208V: 0.20A, 240V: 0.17A, 277V: 0.15A

60W: Constant Current, Class 2, 120-277V, 50/60 Hz, 120V: 0.50A, 208V: 0.30A, 240V: 0.25A, 277V: 0.22A

80W: Constant Current, Class 2, 120-277V, 50/60 Hz, 120V: 0.67A, 208V: 0.40A, 240V: 0.34A, 277V: 0.30A

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

THD:
3.44% at 120V, 7.81% at 277V

Power Factor:
99.8% at 120V, 93.3% 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 250W 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: 58°C (137°F)

Housing:
Die-cast aluminum

Reflector:
Aluminum reflector with white polycarbonate

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

Effective Projected Area:
EPA = 0.32

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.

Installation

Mounting:
Wall mount

Optical

BUG Rating:
BUG Rating 60W: B1 U0 G2
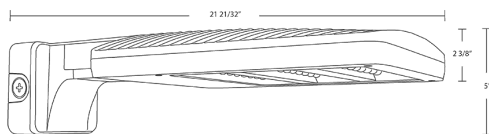BUG Rating 60W: B1 U0 G2
Bug Rating 40W: B1 U0 G1

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

Ordering Matrix

Family	Housing Size	Distribution	Mounting	Wavelength	Finish	Voltage	Options
ALED	S	3T	WM	YA	W		/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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