ALEDS2TWMYAB/7PR

RAB

Project:	Type:
Prepared By:	Date:

Color: Black   Weight: 13.2 lbs

Driver Info

Type	Constant Current
120V	0.67A
208V	0.40A
240V	0.34A
277V	0.30A
Input Watts	57.0/39.5W

LED Info

Watts	60/40W
Color Temp	Amber
Color Accuracy	N/A
L70 Lifespan	100,000 Hours
Lumens	4,483/3,482 lm
Efficacy	78.6/88.2 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:
3.69% at 120V, 7.09% at 277V

Power Factor:
99.8% at 120V, 92.5% 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 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: 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

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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 80W: B2 U0 G1
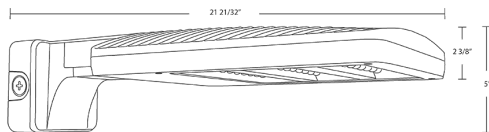BUG Rating 60W: B2 U0 G1
Bug Rating 40W: B2 U0 G1

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 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

21 21/32"

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

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Ordering Matrix

Family	Housing Size	Distribution	Mounting	Wavelength	Finish	Voltage	Options
ALED	S	2T	WM	YA	B		/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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