ALEDL3TB/480

RAB

Color: Black   Weight: 27.3 lbs

Driver Info

Type	Constant Current
120V	N/A
208V	N/A
240V	N/A
277V	N/A
Input Watts	170.5/225.8/262.9W

LED Info

Watts	260W
Color Temp	5000K (Cool)
Color Accuracy	85/85/84 CRI
L70 Lifespan	100,000 Hours
Lumens	25663/33140/37434
Efficacy	150.6/146.8/142.4 lm/W

Technical Specifications

Field Adjustability

Field Adjustable (Wattage):

Field adjustable light output in 3 discrete steps: Large Housing: 260W/220W/170W (factory default 260W)

Compliance

UL Listed:

Suitable for wet locations

IESNA LM-79 & LM-80 Testing:

RAB LED luminaires and LED components have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80.

DLC Listed:

This product is listed by Design Lights Consortium (DLC) as an ultra-efficient premium product that qualifies for the highest tier of rebates from DLC Member Utilities. Designed to meet DLC 5.1 requirements.
DLC Product Code: S-LQBNC6

LED Characteristics

LEDs:

Long-life, high-efficacy, discrete, surface-mount LEDs

Color Consistency:

7-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color

Color Stability:

LED color temperature is warrantied to shift no more than 200K in color temperature over a 5-year period

Color Uniformity:

RAB's range of Correlated Color Temperature follows the guidelines of the American National Standard for (SSL) Products, ANSI C78.377-2017.

Electrical

Driver:

170W: Constant Current, Non-Class 2, 480V, 50/60 Hz, 480V: 0.39A

220W: Constant Current, Non-Class 2, 480V, 50/60 Hz, 480V: 0.50A

260W: Constant Current, Non-Class 2, 480V, 50/60 Hz, 480V: 0.57A

Dimming Driver:

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

THD:

4.31% 480V

Power Factor:

96.3% at 480V

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

Technical Specifications (continued)

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.

IP Rating:

Ingress protection rating of IP66 for dust and water

Cold Weather Starting:

The minimum starting temperature is -40°C (-40°F)

Ambient Temperature:

Suitable for use in up to 40°C (104°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 = 0.51

Gaskets:

High-temperature silicone gaskets

Finish:

Formulated for high durability and long-lasting color

Green Technology:

Mercury and UV free. RoHS-compliant components.

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.
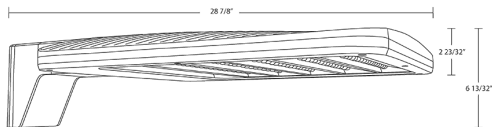
Buy American Act Compliance:

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.

Equivalency:

Equivalent to 1,000W Metal Halide

Dimensions

Features

0-10V dimmable standard

IP66 Rated

100,000-Hour LED lifespan

10-Year, No-Compromise Warranty

Need help? Tech help line: **(888) 722-1000** Email: **sales@rablighting.com** Website: **www.rablighting.com**

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ALEDL3TB/480

RAB

Ordering Matrix

Family	Housing Size	Distribution	Mounting	Color Temp	Finish	Voltage	Options
ALED	L	3T			B	/480	

Housing Size:
S = Small (80W/60W/40W)
M = Medium (150W/90W/78W)
L = Large (260W/220W/170W)
XL = Extra Large (385W/345W/300W)

Distribution:
2T = Type II
3T = Type III
4T = Type IV
5T = Type V
AT = Auto Dealership Optic

Mounting:
Blank = Universal Pole Mount
SF = Slipfitter
WM = Wall Mount

Color Temp:
Blank = 5000K Cool
N = 4000K Neutral

Finish:
Blank = Bronze
W = White
B = Black

Voltage:
Blank = 120-277V, 0-10V Dimming
/480 = 480V, 0-10V Dimming [1]

Options:
Blank = No Option
/7PR = 7 Pin Twistlock Receptacle
/WS2 = Wattstopper, 20ft lens
/WS4 = Wattstopper, 40ft lens [2]

[1] 480V available in Medium, Large & Extra Large fixtures only
[2] Wattstopper option available in Large & Extra Large fixtures only