ALEDL3TWM/WS4

RAB®

Color: Bronze   Weight: 26.4 lbs

Driver Info

Type	Constant Current
120V	2.20A
208V	1.25A
240V	1.10A
277V	0.94A
Input Watts	169.9/225.9/267.7W

LED Info

Watts	260W
Color Temp	5000K (Cool)
Color Accuracy	84/85/85 CRI
L70 Lifespan	100,000 Hours
Lumens	24855/31923/36971 lm
Efficacy	146.3/141.3/138.1 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

IP Rating:
Ingress protection rating of IP66 for dust and water

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-X5ISW3

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, 120-277V, 50/60 Hz, 120V: 1.42A, 208V: 0.82A, 240V: 0.71A, 277V: 0.62A

220W: Constant Current, Non-Class 2, 120-277V, 50/60 Hz, 120V: 1.84A, 208V: 1.01A, 240V: 0.92A, 277V: 0.80A

260W: Constant Current, Non-Class 2, 120-277V, 50/60 Hz, 120V: 2.20A, 208V: 1.25A, 240V: 1.10A, 277V: 0.94A

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

THD:
1.76% at 120V, 4.21% at 277V

Power Factor:
99.9% at 120V, 96.6% at 277V

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

Wattage Equivalency:
Equivalent to 1,000W 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: 43°C (110°F)
Low Power Temp Rating: 51°C (125°F)

Housing:
Die-cast aluminum

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

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Technical Specifications (continued)

Lens:
Polycarbonate lens

Reflector:
Aluminum reflector with white polycarbonate

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

Effective Projected Area:
1 Fixture: 0.37
2 Fixtures at 90°: 0.59
2 Fixtures at 180°: 0.74
3 Fixtures at 90°: 0.96
4 Fixtures at 90°: 0.96

Gaskets:
High-temperature silicone gaskets

Finish:
Formulated for high durability and long-lasting color

Green Technology:
Mercury and UV free. RoHS-compliant components.

Installation

Mounting:
Wall mount

Sensor Specifications

Multi Level Motion Sensor:
/WS4 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.

Handheld Wireless Configuration Tool:
Adjust settings using handheld wireless configuration tool (catalog# WSREM). Only available with 0-10V dimming driver options. Handheld wireless configuration tool available here.

Optical

Bug Rating:
BUG Rating 260W: B3 U0 G4
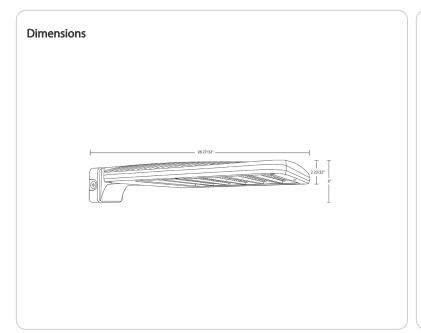BUG Rating 220W: B3-U0-G4
BUG Rating 170W: B3-U0-G3

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.

ALEDL3TWM/WS4

RAB®

Dimensions

28 27/32"
2 23/32"
5"

Features

0-10V dimmable standard

IP66 Rated

100,000-Hour LED lifespan

10-Year, No-Compromise Warranty

Ordering Matrix

Family	Housing Size	Distribution	Mounting	Color Temp	Finish	Voltage	Options
ALED	L	3T	WM				/WS4

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
Y = 3000K Warm

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*