ALEDXL5TWM/480/WS4

RAB

Project:	Type:
Prepared By:	Date:

Color: Bronze   Weight: 36.3 lbs

Driver Info

Type	Constant Current
120V	N/A
208V	N/A
240V	N/A
277V	N/A
Input Watts	290/314.4/355.8W

LED Info

Watts	385W
Color Temp	5000K (Cool)
Color Accuracy	85 CRI
L70 Lifespan	100,000 Hours
Lumens	45198/48560/54000 lm
Efficacy	155.8/154.5/151.8 lm/W

Technical Specifications

Field Adjustability

Field Adjustable (Wattage):
Field adjustable light output in 3 discrete steps:
Extra Large Housing: 385W/345W/300W/345W
(factory default 385W)

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-8KMW34

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:
300W: Constant Current, Non-Class 2, 480V, 50/60
Hz, 480V: 0.67A

345W: Constant Current, Non-Class 2, 480V, 50/60
Hz, 480V: 0.72A

385W: Constant Current, Non-Class 2, 480V, 50/60
Hz, 480V: 0.81A

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

THD:
4.62% 480V

Power Factor:
93.4% 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

Wattage Equivalency:
Equivalent to 1,500W Metal Halide

Construction

IES Classification:
The Type V distribution produces light in a wide and
uniform 360° pattern that is perfect for large outdoor
areas such as parking lots, corporate parks and retail
settings

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: 47°C (116°F)

Housing:
Die-cast aluminum

Technical Specifications (continued)

Lens:
Polycarbonate lens

Reflector:
Aluminum reflector with white polycarbonate

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

Effective Projected Area:
XL-EPA - Effective Projected Area-10137a 1 Fixture: 0.6
2 Fixtures at 90°: 0.96
2 Fixtures at 180°: 1.2
3 Fixtures at 90°: 1.56
4 Fixtures at 90°: 1.56

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 385W: B5 U0 G4
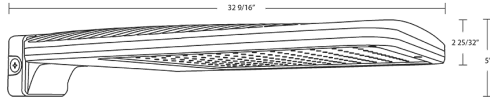BUG Rating 345W: B5 U0 G4
BUG Rating 300W: B5 U0 G3

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.

Dimensions

32 9/16"

2 25/32"

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	XL	5T	WM			/480	/WS4
	S = Small (80W/60W/40W) **M =** Medium (150W/90W/78W) **L =** Large (260W/220W/170W) **XL =** Extra Large (385W/345W/300W)	**2T =** Type II **3T =** Type III **4T =** Type IV **5T =** Type V **AT =** Auto Dealership Optic	**Blank =** Universal Pole Mount **SF =** Slipfitter **WM =** Wall Mount	**Blank =** 5000K Cool **N =** 4000K Neutral **Y =** 3000K Warm	**Blank =** Bronze **W =** White **B =** Black	**Blank =** 120-277V, 0-10V Dimming **/480 =** 480V, 0-10V Dimming [1]	**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*

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

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