



Project:	Туре:
Prepared By:	Date:

LED Info	LED Info			
Watts	385W			
Color	5000K (Cool) 85 CRI 100,000 Hours			
Temp				
,				
L/0 Lifespan				
Lumens	41399/44478/49461 lm			
Efficacy	141.5/140.3/137.8 Im/W			
	Watts Color Temp Color Accuracy L70 Lifespan Lumens			

## **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-NIB3MX

#### **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

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:

5.27% 480V

### **Power Factor:**

93.4% at 480V

#### **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 1,500W 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: 43°C (110°F) Low Power Temp Rating: 47°C (116°F)

# ALEDXL2TWM/480/7PR



## **Technical Specifications (continued)**

## Housing:

Die-cast aluminum

#### 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

#### Optical

## **Bug Rating:**

BUG Rating 385W: B5 U0 G4 BUG Rating 345W: B4 U0 G3

BUG Rating 300W: B4 U0 G3

### Other

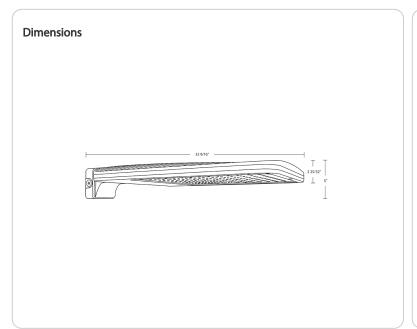
#### Warranty:

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.





## **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	2T	WM			/480	/7PR		
	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 <sup>1</sup>	Blank = No Option //PR = 7 Pin Twistlock Receptacle /WS2 = Wattstopper, 20ft lens /WS4 = Wattstopper, 40ft lens <sup>2</sup>		
<sup>1</sup> 480V available in Medium, Large & Extra Large fixtures only <sup>2</sup> 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**Copyright © 2023 RAB Lighting All Rights Reserved Note: Specifications are subject to change at any time without notice