



Project:	Туре:
Prepared By:	Date:

Driver Info	1	LED Info			
Туре	Constant Current	Watts	385W		
120V	N/A	Color Temp	4000K (Neutral)		
208V	N/A	Color Accuracy	83 CRI		
240V	N/A N/A Watts 291.4/315.7/359.3W		os ciu		
277V		L70 Lifespan	100,000 Hours		
Input Watts		Linespair	40205/43218/48553 lm		
		Lumens	40203/43216/463331111		
		Efficacy	138/136.9/135.1 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-IW34HB

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:

4.87% 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 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)

Housing:

Die-cast aluminum

ALEDXL2TWMN/480



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

Optical

Bug Rating:

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

BUG Rating 300W: B4 U0 G3

Other

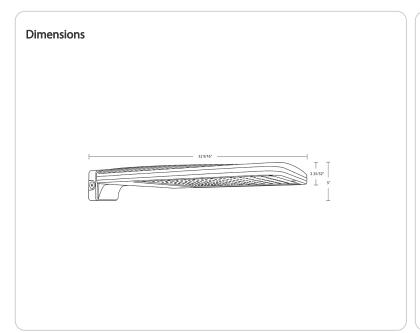
Warranty:

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

amily	Housing Size	Distribution	Mounting	Color Temp	Finish	Voltage	Options
ALED	XL	2T	WM	N		/480	
	S = Small (80W/60W/40W)	2T = Type II	Blank = Universal	Blank = 5000K	Blank =	Blank = 120-277V,	Blank = No Option
	M = Medium (150W/90W/78W)	3T = Type III	Pole Mount	Cool	Bronze	0-10V Dimming	/7PR = 7 Pin Twistloc
	L = Large (260W/220W/170W)	4T = Type IV	SF = Slipfitter	N = 4000K	W = White	/480 = 480V, 0-10V	Receptacle
	XL = Extra Large	5T = Type V	WM = Wall Mount	Neutral	$\mathbf{B} = \mathbf{Black}$	Dimming ¹	/WS2 = Wattstopper
	(385W/345W/300W)	AT = Auto Dealership		Y = 3000K			20ft lens
		Optic		Warm			/WS4 = Wattstopper 40ft lens ²