



Project:	Туре:
Prepared By:	Date:

Driver Info	•	LED Info		
Type	Constant Current	Watts	385W	
120V	N/A	Color	4000K (Neutral)	
208V	N/A	Temp	room (reaman)	
240V	N/A	Color	83/83/84 CRI	
277V	N/A	Accuracy		
Input Watts 293.2/317.	293.2/317.7/361.6W	L70 Lifespan	100,000 Hours	
		Lumens	41173/44257/49721 lm	
		Efficacy	140.4/139.3/137.5 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-HGM5AN

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:

4.97% 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 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)

ALEDXL3TN/480/7PR



Technical Specifications (continued)

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

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:

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.

Optical

Bug Rating:

BUG Rating 385W: B3 U0 G5 BUG Rating 345W: B3 U0 G5 BUG Rating 300W: B3 U0 G5

Other

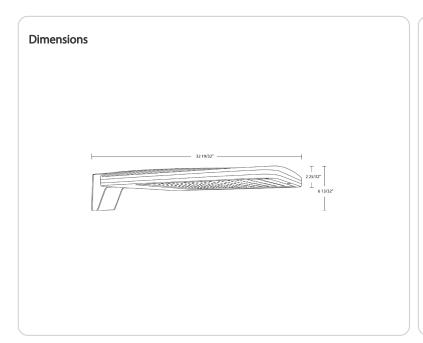
Warranty:

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

Family	Housing Size	Distribution	Mounting	Color Temp	Finish	Voltage	Options
ALED	XL	3T		N		/480	/7PR
	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 Twistlock
	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	$\mathbf{B} = \mathbf{B} \mathbf{l} \mathbf{a} \mathbf{c} \mathbf{k}$	Dimming ¹	/WS2 = Wattstopper
	(385W/345W/300W)	AT = Auto Dealership Optic		Y = 3000K Warm			20ft lens / WS4 = Wattstopper
		Optic		vvaiiii			40ft lens ²