



Project:	Type:
Prepared By:	Date:

Driver Info		LED Info	
Type	Constant Current	Watts	385W
120V	3.21A	Color Temp	4000K (Neutral)
208V	1.85A	Color Accuracy	83 CRI
240V	1.60A	L70 Lifespan	100,000 Hours
277V	1.39A	Lumens	40848/43777/50115 lm
Input Watts	294.2/319.2/374.3W	Efficacy	138.8/137.2/133.9 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-Y31V5E

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, 120-277V, 50/60 Hz, 120V: 2.50A, 208V: 1.45A, 240V: 1.25A, 277V: 1.10A

345W: Constant Current, Non-Class 2, 120-277V, 50/60 Hz, 120V: 2.88A, 208V: 1.66A, 240V: 1.44A, 277V: 1.25A

385W: Constant Current, Non-Class 2, 120-277V, 50/60 Hz, 120V: 3.21A, 208V: 1.85A, 240V: 1.60A, 277V: 1.39A

Dimming Driver:

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

THD:

2.8% at 120V, 10.37% at 277V

Power Factor:

99.9% at 120V, 96.3% at 277V

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:

Car Dealership optics have a wide distribution with an intentional hot spot that helps to deliver eye-catching light to the front row of cars in a dealership lot while also minimizing "backspill" (light that is thrown back towards the street).

Cold Weather Starting:

The minimum starting temperature is -40°C (-40°F)

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:

2 3/8" slipfitter mount with stainless steel hardware

Tilt Increment:

Rotates in 5 degree increments

Lens:

Polycarbonate lens

Reflector:

Aluminum reflector with white polycarbonate

Vibration Rating:

3G vibration rating per ANSI C136.31

Effective Projected Area:

1 Fixture: 0.7
2 Fixtures at 90°: 1.11
2 Fixtures at 180°: 1.41
3 Fixtures at 90°: 1.81
4 Fixtures at 90°: 1.81

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: B4 U0 G3
BUG Rating 345W: B4 U0 G2
BUG Rating 300W: B4 U0 G2

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



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	AT	SF	N	W		/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 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