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|---------------------|--------------|
| Project: | Type: |
| Prepared By: | Date: |

| Driver Info | | LED Info | |
|-------------|--------------------|----------------|------------------------|
| Type | Constant Current | Watts | 260W |
| 120V | N/A | Color Temp | 4000K (Neutral) |
| 208V | N/A | Color Accuracy | 84/84/83 CRI |
| 240V | N/A | L70 Lifespan | 100,000 Hours |
| 277V | N/A | Lumens | 25826/33451/37425 lm |
| Input Watts | 171.3/227.3/263.7W | Efficacy | 150.8/147.2/141.9 lm/W |

Technical Specifications

Field Adjustability

Field Adjustable (Wattage):

Field adjustable light output in 3 discrete steps:
Large Housing: 260W/220W/170W (factory default 260W)

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-ZIL12X

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 warranted 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:

170W: Constant Current, Non-Class 2, 480V, 50/60 Hz, 480V: 0.39A

220W: Constant Current, Non-Class 2, 480V, 50/60 Hz, 480V: 0.50A

260W: Constant Current, Non-Class 2, 480V, 50/60 Hz, 480V: 0.57A

Dimming Driver:

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

THD:

4.86% 480V

Power Factor:

96.3% 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 1,000W 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, entrance 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: 51°C (125°F)

Technical Specifications (continued)**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: 0.65

2 Fixtures at 90°: 1.02

2 Fixtures at 180°: 1.31

3 Fixtures at 90°: 1.68

4 Fixtures at 90°: 1.68

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 260W: B4 U0 G3

BUG Rating 220W: B4 U0 G3

BUG Rating 170W: B3 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



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 | L | 2T | SF | N | W | /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 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