

| Project: | Туре: |
|--------------|-------|
| Prepared By: | Date: |

| Driver Info | | LED Info | |
|--------------|------------------|-----------------|--------------|
| Type: | Constant Current | Watts: | 78W |
| 120V: | 0.89A | Color Temp: | 5100K (Cool) |
| 208V: | N/A | Color Accuracy: | 71 CRI |
| 240V: | N/A | L70 Lifespan: | 100,000 |
| 277V: | N/A | Lumens: | 10,491 |
| Input Watts: | 80W | Efficacy: | 132 LPW |
| Efficiency: | 98% | | |
| | | | |

Technical Specifications

Listings

UL Listing:

Suitable for wet locations as a downlight

IESNA LM-79 & IESNA LM-80 Testing:

RAB LED luminaires and LED components have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80.

Electrical

THD:

9.9% at 480V

Driver:

Constant Current, Class 2, 2000mA, 480V, 50-60Hz, 0.172A, Power Factor 96.4%

Surge Protection:

4kV

LED Characteristics

Lifespan:

100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations

LEDs:

Six (6) multi-chip, 13W, high-output, long-life 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 CCT over a 5 year period

Color Uniformity:

RAB's range of CCT (Correlated Color Temperature) follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2017.

Construction

IES Classification:

The Type IV distribution (also known as a Forward Throw) is especially suited for mounting on the sides of buildings and walls, and for illuminating the perimeter of parking areas. It produces a semiCircular distribution with essentially the same candlepower at lateral angles from 90° to 270°.

Effective Projected Area:

EPA = 0.75

Ambient Temperature:

Suitable For use in 40°C (104°F)

Cold Weather Starting:

Minimum starting temperature is -40°C (-40°F)

Thermal Management:

Superior heat sinking with external Air-Flow fins

Lens:

Tempered glass lens

Housing:

Die cast aluminum housing, lens frame and mounting arm

IP Rating:

Ingress Protection rating of IP66 for dust and water

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. Round pole diameter must be >4" to mount fixtures at 90° orientation.

Reflector:

Specular vacuum-metallized polycarbonate

Gaskets:

High temperature silicone gaskets

Finish:

Formulated for high-durability and long lasting color

Green Technology:

Mercury and UV-free. RoHS compliant components.

Other

Patents:

The ALED design is protected by patents in the U.S. Pat. 668,370, Canada Pat. 144956, China ZL201230100154.X, and Mexico Pat. 38423. Pending patents in Taiwan.

Warranty:

RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) 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

Equivalency:

Equivalent to 250W Metal Halide

Technical Specifications (continued)

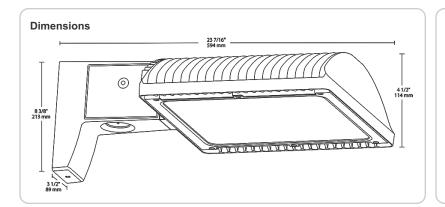
Other

Buy American Act Compliance:

Optical **BUG Rating:**

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.

B1 U0 G2



Features

66% energy cost savings vs. HID

100,000-hour LED lifespan

5-year warranty

| Ordering Matrix | | | | | | | | | | |
|-----------------|---|---|--|---|--|--|---|--|--|--|
| Family | Optics | Wattage | Mounting | Color Temp | Finish | Driver Options | Options | Other Options | | |
| ALED | 4T | 78 | ٨ | ۸ | K | /480 | ٨ | ۸ | | |
| | 4T = Type V 3T = Type II 2T = Type I | 50 = 50W 78 = 78W 105 = 105W 125 = 125W 150 = 150W | Blank = Pole mount SF = Slipfitter | Blank = 5000K (Cool) N = 4000K (Neutral) Y = 3000K (Warm) | Blank = Bronze RG = Roadway Gray W = White K = Black | Blank = 120-277V /480 = 480V /BL = Bi-Level /D10 = 0-10V Dimming | Blank = No Option /LC = Lightcloud® Controller /PCS = 120V Swivel Photocell /PCS2 = 277V Swivel Photocell /PCT = 120-277V Twistlock Photocell /PCS4 = 480V Swivel Photocell /PCT4 = 480V Twistlock Photocell /WS2 = Multi-Level Motion Sensor 20 ft. /WS4 = Multi-Level Motion Sensor 40 ft. | Blank = Standard USA = BAA Compliant | | |