



Color: Black

Weight: 32.0 lbs

Project:

Type:

Prepared By:

Date:

Driver Info

Type: Constant Current
 120V: 1.12A
 208V: 0.70A
 240V: 0.61A
 277V: 0.52A
 Input Watts: 133W
 Efficiency: 94%

LED Info

Watts: 125W
 Color Temp: 4000K (Neutral)
 Color Accuracy: 72 CRI
 L70 Lifespan: 100,000
 Lumens: 14,373
 Efficacy: 108 LPW

Technical Specifications

Electrical

Dimming Driver:

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

THD:

5.6% at 120V, 16.1% at 277V

Driver:

One Driver, Constant Current, Class 2, 1800mA 100-277V, 50-60Hz, Power Factor 99%

Surge Protection:

4kV

Listings

UL Listing:

Suitable for wet locations

IESNA LM-79 & 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.

LED Characteristics

Lifespan:

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

LEDs:

Multi-chip, high-output, long-life LEDs

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 III distribution is ideal for roadway, general parking and other area lighting applications where a larger pool of lighting is required. It is intended to be located near the side of the area, allowing the light to project outward and fill the area.

Effective Projected Area:

EPA = 2.2

Maximum Ambient Temperature:

Suitable for use in 40°C (104°F)

Cold Weather Starting:

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

Thermal Management:

Superior thermal management with external "Air-Flow" fins

Lens:

Tempered glass lens

Housing:

Die-cast aluminum housing, lens frame and mounting arm

Mounting:

Heavy-duty mounting arm with "O" ring seal & stainless steel screws

Reflector:

Specular vacuum-metallized polycarbonate

Gaskets:

High-temperature silicone gaskets

IP Rating:

Ingress Protection rating of IP66 for dust and water

Finish:

Formulated for high-durability and long lasting color

Green Technology:

Mercury and UV-free. RoHS compliant components.

Other

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:

Replaces 350W Metal Halide

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.

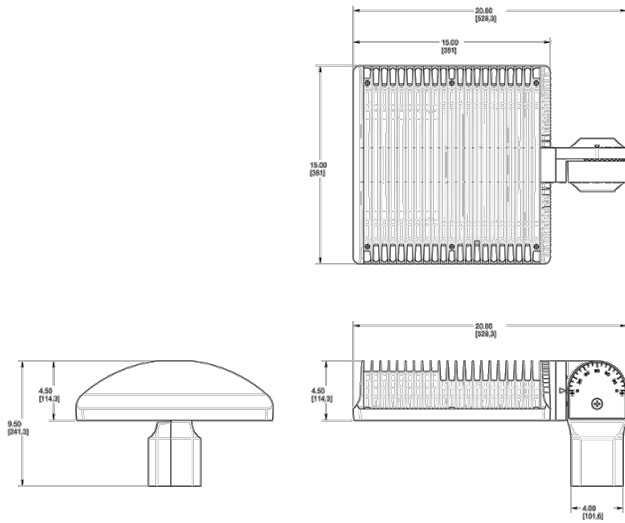
Technical Specifications (continued)

Optical

BUG Rating:

B1 U0 G2

Dimensions



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 | 3T | 125 | SF | N | K | /D10 | ^ | ^ |
| | 4T = Type IV | 50 = 50W 78 = 78W | Blank = Pole mount | Blank = 5000K (Cool) | Blank = Bronze | Blank = 120-277V | Blank = No Option | Blank = Standard |
| | 3T = Type III | 105 = 105W | SF = Slipfitter | N = 4000K (Neutral) | RG = Roadway Gray | /480 = 480V | /LC = Lightcloud® Controller | USA = BAA Compliant |
| | 2T = Type II | 125 = 125W 150 = 150W | | Y = 3000K (Warm) | W = White K = Black | /BL = Bi-Level /D10 = 0-10V Dimming | /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. | |