



Color: Black

Weight: 32.0 lbs

|                     |              |
|---------------------|--------------|
| <b>Project:</b>     | <b>Type:</b> |
| <b>Prepared By:</b> | <b>Date:</b> |

| Driver Info |                  | LED Info       |               |
|-------------|------------------|----------------|---------------|
| Type        | Constant Current | Watts          | 78W           |
| 120V        | N/A              | Color Temp     | 5100K (Cool)  |
| 208V        | N/A              | Color Accuracy | 71 CRI        |
| 240V        | N/A              | L70 Lifespan   | 100,000 Hours |
| 277V        | N/A              | Lumens         | 10,491 lm     |
| Input Watts | 79.5W            | Efficacy       | 132 lm/W      |

**Technical Specifications**

**Electrical**

**Driver:**

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

**THD:**

9.9% at 480V

**Power Factor:**

95.1% at 480V

**Photocell:**

480V Swivel photocell included. Photocell is only compatible with 347-480V.

**Surge Protection:**

4kV

**Compliance**

**UL Listed:**

Suitable for wet locations as a downlight

**IP Rating:**

Ingress protection rating of IP66 for dust and water

**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

**Performance**

**Lifespan:**

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

**Wattage Equivalency:**

Replaces 250W Metal Halide

**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°.

**Ambient Temperature:**

Suitable for use in up to 40°C (104°F)

**Cold Weather Starting:**

The 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

**Reflector:**

Specular vacuum-metallized polycarbonate

**Gaskets:**

High-temperature silicone gaskets

**Bracket EPA:**

2.0.

**Finish:**

Formulated for high durability and long-lasting color

**Green Technology:**

Mercury and UV free. RoHS-compliant components.

**LED Characteristics**

**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

## Technical Specifications (continued)

### 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 Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2017.

### 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.

#### Buy American Act Compliance:

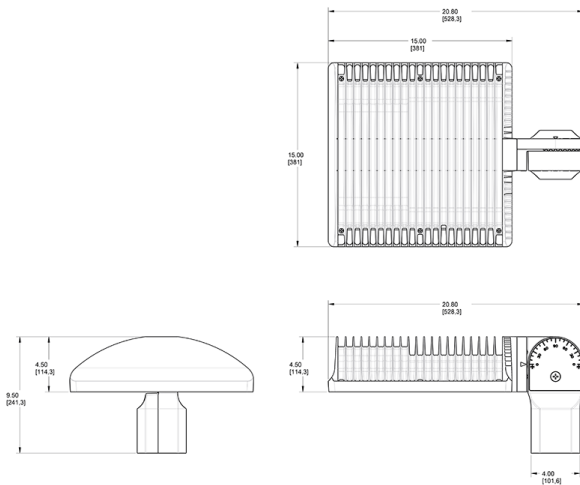
RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.

### Optical

#### BUG Rating:

B1 U0 G2

## Dimensions



## Features

- 66% energy cost savings vs. HID
- 100,000-hour LED lifespan
- 5-Year, No-Compromise Warranty

## Ordering Matrix

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