# ALED4T150SF/PCS

**RAB**



Color: Bronze          Weight: 33.2 lbs

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

### Driver Info

| Type | Constant Current |
|---|---|
| 120V | 1.31A |
| 208V | N/A |
| 240V | N/A |
| 277V | N/A |
| Input Watts | 155.8W |

### LED Info

| Watts | 150W |
|---|---|
| Color Temp | 5000K (Cool) |
| Color Accuracy | 71 CRI |
| L70 Lifespan | 100,000 Hours |
| Lumens | 18,464 |
| Efficacy | 118.5 lm/W |

## Technical Specifications

### Electrical

**Driver:**

One Driver, Constant Current, Class 2, 2100mA 100-277V, 50-60Hz, Power Factor 99%

**THD:**

4.9% at 120V, 14% at 277V

**Power Factor:**

99.5% at 120V, 93.7% at 277V

**Photocell:**

120V Swivel Photocell Included. Photocell is only compatible with 120V.

**Surge Protection:**

4kV

### Listings

**DLC Listed:**

This product is on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities. DLC Product Code: P0000175F

### Compliance

**UL Listed:**

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.

### Performance

**Lifespan:**

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

### Construction

**Effective Projected Area:**

EPA = 2.2

**Maximum Ambient Temperature:**

Suitable for use in up to 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

## Technical Specifications (continued)

### Construction

#### Housing:

Die-cast aluminum housing, lens frame and mounting arm

#### Mounting:

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

#### IP Rating:

Ingress Protection rating of IP66 for dust and water

#### 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.

### LED Characteristics

#### LEDs:

Multi-chip, 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 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

#### 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 rablighting.com/warranty.

#### Equivalency:

Equivalent to 400W Metal Halide
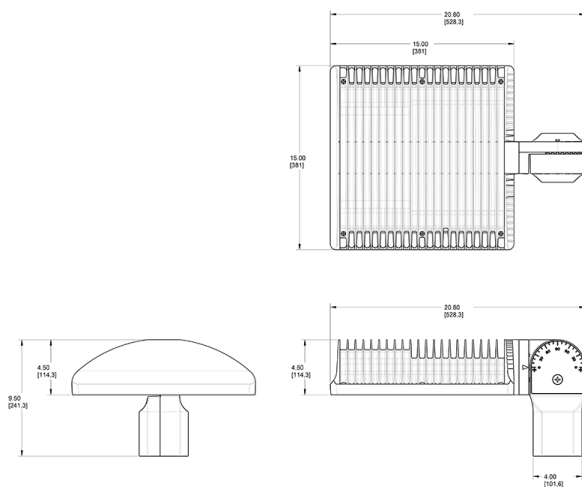
#### Buy American Act Compliance:

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.

### Optical

#### BUG Rating:

B1 U0 G3

## 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 | 150 | SF | | | | /PCS | |
| | **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 |

Need help? Tech help line: **(888) 722-1000** Email: **custserv@rablighting.com** Website: **www.rablighting.com**

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