# AL5W/480/SA



Color: White

Weight: 22.1 lbs

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

### Driver Info

| | |
|---|---|
| Type | Constant Current |
| 120V | N/A |
| 208V | N/A |
| 240V | N/A |
| 277V | N/A |
| Input Watts | 28.3-120.8W |

### LED Info

| | |
|---|---|
| Watts | 120/60/30W |
| Color Temp | 3000K/4000K/5000K |
| Color Accuracy | 84-86 CRI |
| L70 Lifespan | 100,000 Hours |
| Lumens | 4209-17746 lm |
| Efficacy | 140.6-157.8 lm/W |

## Technical Specifications

### Field Adjustability

**Field Adjustable:**
Field Adjustable Light Output:
1120/60/30W (factory default 60W)
Color Temperature Selectable:
3000K, 4000K and 5000K (factory default 4000K)

### 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.

**IP Rating:**
Ingress protection rating of IP65 for dust and water

**RoHS:**
Mercury and UV free. RoHS-compliant components.

**DLC Listed:**
This product family is listed with the DesignLights Consortium (DLC). Individual SKUs within this family may carry either a DLC Standard or DLC Premium qualification. Please refer to the individual product specification sheet or the DLC Qualified Products List (QPL) at designlights.org to confirm the qualification status of a specific SKU prior to specification or purchase.

### LED Characteristics

**LEDs:**
Long-life, high-efficacy, surface-mount LEDs

**Color Stability:**
LED color temperature is warrantied to Shift no more than 200K in color temperature over a 5-year period

### Performance

**Lifespan:**
100,000-Hour LED lifespan based on IESlm-80 results and TM-21 calculations

### Electrical

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

**Aux Power Supply:**
Yes

**Dim to Off:**
Yes

**Surge Protection:**
10 kV L-L, 10kV L/N-G

**Sensor-Ready Arm:**
Factory-installed, motion sensor-ready arm is compatible with standard and smart PIR and MVS sensors (purchased separately).

### Construction

**Cold Weather Starting:**
The minimum starting temperature is -40°F (-40°C)

**Maximum Ambient Temperature:**
Suitable for use in up to 104°F (40°C)

**Effective Projected Area (EPA):**
EPA = 0.8

**Housing:**
Die-cast aluminum

**Reflector:**
White Polyethylene Terephthalate (PET)


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## Technical Specifications (continued)

**Lens:**
Frosted polycarbonate lens

**Gaskets:**
Ethylene Propylene Diene Monomer (EPDM)

**Vibration Rating:**
3G vibration rating per ANSI C136.31

**Shape:**
Round

**Finish:**
Formulated for high durability and long-lasting color

### Optical

**IES Classification:**
The Type V distribution produces light in a wide and uniform 360° pattern that is perfect for large outdoor areas such as parking lots, corporate parks and retail settings

**BUG Rating:**
B3 U0 G1

### Installation

**Mounting:**
Standard multifunctional arm. Mounts to 2-3/8" tenon and poles with 4" outer diameter.

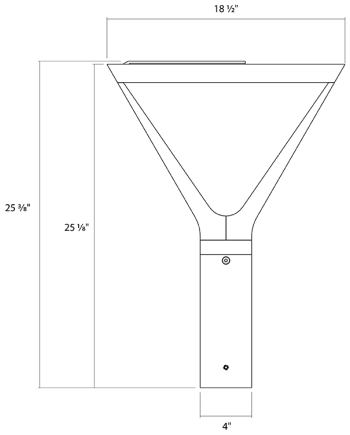
### Other

**5-Year, No-Compromise 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.


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## Dimensions




## Features

- 100,000-hour LED lifespan
- 3G vibration rating per ANSI C136.31
- 10 kV Surge Protection
- 5-Year, No-Compromise Warranty

## Ordering Matrix

| Family | Shape | Distribution | Wattage | Color Temp | Finish | Driver | Sensor-Ready Arm |
|---|---|---|---|---|---|---|---|
| AL5 | | | | | W | /480 | /SA |
| | **Blank =** Round<br>**S =** Square | **Blank =** Type V Wide<br>**C =** Type V Concentrated | **Blank =** 120/60/30W | **Blank =** 3000/4000/5000K CCT Adjustable<br>**Y =** 3000K | **Blank =** Bronze<br>**W =** White<br>**B =** Black<br>**RG =** Roadway Gray | **Blank =** 120-277V<br>**/480 =** 480V | **Blank =** None<br>**/SA =** Motion Sensor Arm<br>**/PCTA =** Twistlock Photocell Arm |


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