AL5RG/480/SA



Color: Roadway gray

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)

Copyright © 2026 RAB Lighting All Rights Reserved Note: Specifications are subject to change at any time without notice

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.

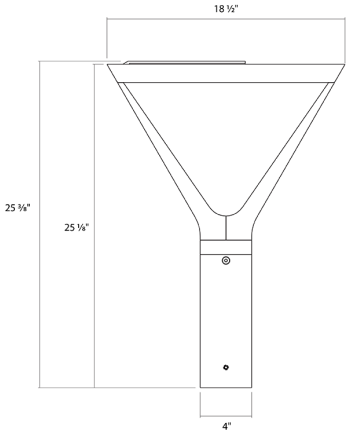
Other

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.

Copyright © 2026 RAB Lighting All Rights Reserved Note: Specifications are subject to change at any time without notice

AL5RG/480/SA

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					RG	/480	/SA
	Blank = Round **S =** Square	**Blank =** Type V Wide **C =** Type V Concentrated	**Blank =** 120/60/30W	**Blank =** 3000/4000/5000K CCT Adjustable **Y =** 3000K	**Blank =** Bronze **W =** White **B =** Black **RG =** Roadway Gray	**Blank =** 120-277V **/480 =** 480V	**Blank =** None **/SA =** Motion Sensor Arm **/PCTA =** Twistlock Photocell Arm

Copyright © 2026 RAB Lighting All Rights Reserved Note: Specifications are subject to change at any time without notice