AL5CY/PCTA



Color: Bronze

Weight: 22.6 lbs

Project:	**Type:**
Prepared By:	**Date:**

Driver Info

Type	Constant Current
120V	1.02A/0.50A/0.26A
208V	0.59A/0.32A/0.19A
240V	0.51A/0.28A/0.16A
277V	0.44A/0.24A/0.14A
Input Watts	31.4-122.4W

LED Info

Watts	120/60/30W
Color Temp	3000K
Color Accuracy	83 CRI
L70 Lifespan	100,000 Hours
Lumens	4581-16042 lm
Efficacy	131.1-145.9 lm/W

Technical Specifications

Field Adjustability

Field Adjustable:
Field Adjustable Light Output:
1120/60/30W (factory default 60W)
Color Temperature: Static 3000K

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.

Dark Sky:
This product has received the DarkSky International Approved Luminaires Program of Approval.

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, twistlock photocell-ready arm is compatible with 3, 5 or 7-pin photocells (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 Concentrated Type V distribution delivers a focused 360° light pattern with higher intensity directly beneath and around the fixture, making it ideal for parking lots, corporate campuses, retail centers, and other large outdoor spaces requiring enhanced illumination and improved light control. This distribution helps minimize glare, improve visual comfort and visibility, reduce light trespass, and support compliance with local lighting ordinances and Dark Sky requirements.

BUG Rating:
B3 U0 G1

Installation

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

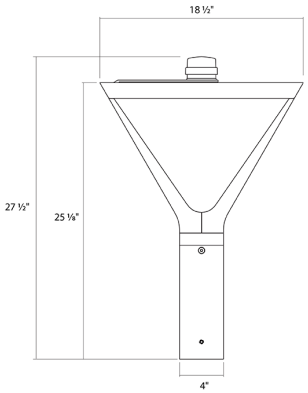
Other

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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AL5CY/PCTA

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		C		Y			/PCTA
	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

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