



Project:	Type:
Prepared By:	Date:

Driver Info		LED Info	
Type	Constant Current	Watts	52W
120V	N/A	Color Temp	3000K (Warm)
208V	N/A	Color Accuracy	71 CRI
240V	N/A	L70 Lifespan	100,000 Hours
277V	N/A	Lumens	6,462 lm
Input Watts	52.2W	Efficacy	123.8 lm/W

Technical Specifications

Lightcloud

Lightcloud Controller Installed:
Integrated/embedded networked lighting control, luminaire-level lighting control. Fixture, Zone, and plug-load control from one powerful device. LLLC - capable of switching, 0-10Vdimming, power/energy monitoring. Can also be used to extend the range of the Lightcloud mesh network communication protocols. Offers the capability to set the maximum light output to a less-than-maximum state of an individual luminaire at the time of installation or commissioning. The High-End trim functionality is field reconfigurable via the Lightcloud mesh network communication protocols. The Lightcloud controller can be attached to the fixture, junction box, or electrical panel.
DLC system - NHCZ2BIA17L
[Learn more at www.lightcloud.com](#)

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 IESNAIm-79 andIm-80.

DLC Listed:
This product is listed by Design Lights Consortium (DLC) as an ultra-efficient premium product that qualifies for the highest tier of rebates from DLC Member Utilities. Designed to meet DLC 5.1 requirements.
DLC Product Code: P3PDZAD5

Electrical

Drivers:
Constant Current, Class 2 with 6kV surge protection, 480VAC, 50/60 Hz, 480V: 0.12A

Dimming Driver:
Driver includes dimming control wiring for 0-10V dimming systems. Requires separate 0-10V DC dimming circuit. Dims down to 10%. [See dimmer compatibility guide here.](#)

THD:
7.07% at 480V

Power Factor:
89% at 480V

LED Characteristics
LEDs:
4x13W high-output, long-life LEDs

Color Consistency:
3-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.

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

Wattage Equivalency:
Equivalent to 150W Metal Halide

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)

Technical Specifications (continued)

Effective Projected Area:

EPA = 1.2

Thermal Management:

Superior thermal management with external air-flow fins

Housing:

Precision die-cast aluminum, Type V distribution

Support Arms:

Extruded aluminum

Lens:

Clear tempered glass lens

Reflector:

Specular vacuum-metallized polycarbonate, Type V distribution

Gaskets:

High-temperature silicone

Finish:

Formulated for high durability and long-lasting color

Green Technology:

Mercury and UV free. RoHS-compliant components.

Optical

BUG Rating:

B3 U0 G2

Other

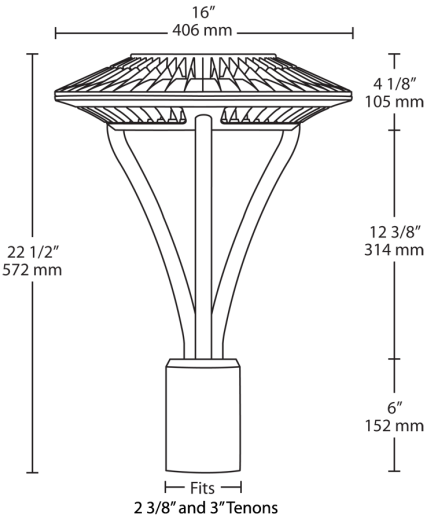
Patents:

The designs of the ALED5T52 are protected by patents pending in US, Canada, China, Taiwan and Mexico

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.

Dimensions



Features

- IES type V (circular) distribution
- 100,000-hour LED lifespan
- Compatible with standard 2 3/8" and 3" tenons
- "Air-Flow" fins for maximum heat dissipation
- 5-Year, No-Compromise Warranty

Ordering Matrix

Family	Distribution	Wattage	Color Temp	Finish	Driver Option	Options	Other Options
ALED	5T	52	Y	W	/480/D10	/LC	
5T = Type V 26 = 26W 52 = 52W 78 = 78W Blank = 5000K Cool N = 4000K Neutral Y = 3000K Warm Blank = Bronze W = White K = Black RG = Gray Blank = 120-277V /480/D10 = 480V w/Dimmable /480 = 480V /BL = Bi-Level /D10 = Dimmable Blank = No Option /LC = Lightcloud /PCT = 120-277V Twistlock Photocell /PCT4 = 480V Twistlock Photocell Blank = Standard USA = BAA Compliant							