ALED5T26K/480/D10/LC

RAB



High output LED pole top area light with IES type V circular distribution. Wide and uniform 360 degree pattern ideal for large outdoor areas such as parking lots, corporate parks, and retail settings.

Color: Black

Weight: 21.8 lbs

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 IESNA LM-79 and LM-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: PZUX8P0T

Electrical

Drivers:

Constant Current, Class 2 with 6kV surge protection, 480VAC, 50/60 Hz, 480V: 0.06A

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:

8.89% at 480V

Power Factor:

88.6% at 480V

LED Characteristics

LEDs: High-output, long-life LEDs

Project	:	Туре:		
Prepare	ed By:	Date:		
Driver Info)	LED Info		
Туре	Constant Current	Watts	26W	
120V	N/A	Color Temp	5000K (Cool)	
208V	N/A	Color Accuracy	70 CRI	
240V	N/A	L70 Lifespan	100,000 Hours	
277V	N/A	Lumens	3,378 lm	

Color Consistency:

Input Watts 25.5W

7-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color

Efficacy

132.5 lm/W

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 IES LM-80 results and TM-21 calculations

Wattage Equivalency: Equivalent to 100W Metal Halide

Construction

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

Maximum Ambient Temperature:

Suitable for use in up to 40°C (104°F)

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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:

B2 U0 G1

Other

Patents:

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

Warranty:

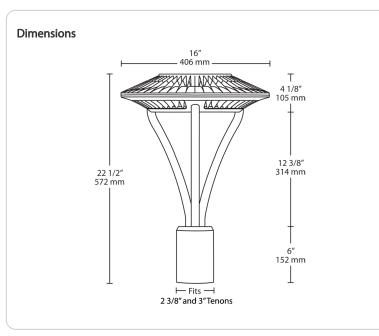
RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish. RAB's warranty is subject to all terms and conditions found at <u>rablighting.com/warranty.</u>

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.

RAB

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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	n Wattage	Color Temp	Finish	Driver Option	Options	Other Options
ALED 5T	26		К	/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