ALED5T52NK/D10

RAB Outdoor



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

Listings

UL Listing:

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.

Electrical

THD:

7.2% at 120V, 17% at 277V

Power Factor:

99.1% at 120V, 90.2% at 277V

Drivers (2):

Constant Current, 720mA, Class 2 with 6kV surge protection, 100-277VAC, 50/60 Hz

Dimming Driver:

Driver includes dimming control wiring for 0-10V dimming systems. Requires separate 0-10V DC dimming circuit. Dims as low as 10%.

LED Characteristics

LEDs:

4x13W high-output, long-life LEDs

Lifespan:

100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations

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 CCT over a 5 year period

Color Uniformity:

RAB's range of CCT (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.

Construction

Cold Weather Starting:

Minimum starting temperature is -40°C (-40°F)

Maximum Ambient Temperature:

Suitable for use in 40°C (104°F)

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

Project: Type: Prepared By: Date: Driver Info LED Info Type: Constant Current 120V: 0.49A

120V:	0.49A	Color Temp:	4000K (Neutral)
208V:	0.31A	Color Accuracy:	73 CRI
240V:	0.27A	L70 Lifespan:	100,000
277V:	0.24A	Lumens:	5,793
Input Watts:	55W	Efficacy:	105 LPW
Efficiency:	95%		

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.

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

Buy American Act Compliance:

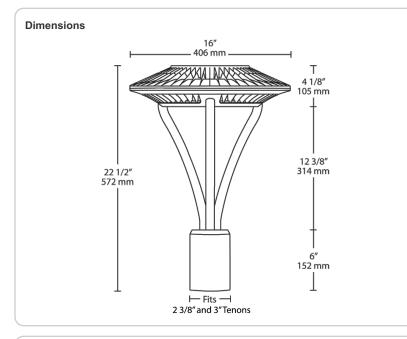
RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.

Optical

BUG Rating:

B2 U1 G1

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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

	Wattage	Color Temp	Finish	Driver Option	Options	Other Options
5T	52	Ν	К	/D10	۸	٨
T = Type V	26 = 26W	Blank = 5000K (Cool)	Blank = Bronze	Blank = 120-277V	Blank = No Option	Blank = Standard
	52 = 52W	N N = 4000K (Neutral) W = White /D10 = Dimmable /PCT = 120-277V Twistlock Photocell USA = BAA Complia				
	78 = 78W	Y = 3000K (Warm)	K = Black	/BL = Bi-Level	/PCT4 = 480V Twistlock Photocell	
			RG = Gray	/480 = 480V		
/480/D10 = 480V w/ Dimmable						
	T = Type V	T = Type V 26 = 26W	T = Type V 26 = 26W Blank = 5000K (Cool) 52 = 52W N = 4000K (Neutral)	T = Type V 26 = 26W Blank = 5000K (Cool) Blank = Bronze 52 = 52W N = 4000K (Neutral) W = White 78 = 78W Y = 3000K (Warm) K = Black RG = Gray RG	T = Type V 26 = 26W Blank = 5000K (Cool) Blank = Bronze Blank = 120-277V 52 = 52W N = 4000K (Neutral) W = White /D10 = Dimmable 78 = 78W Y = 3000K (Warm) K = Black /BL = Bi-Level RG = Gray /480 = 480V	T = Type V 26 = 26W Blank = 5000K (Cool) Blank = Bronze Blank = 120-277V Blank = No Option 52 = 52W N = 4000K (Neutral) W = White /D10 = Dimmable /PCT = 120-277V Twistlock Photocell 78 = 78W Y = 3000K (Warm) K = Black /BL = Bi-Level /PCT4 = 480V Twistlock Photocell RG = Gray /480 = 480V 480V