ALED5T52RG/480

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: Gray

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

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:

7-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

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.

Other

Patents:

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

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.

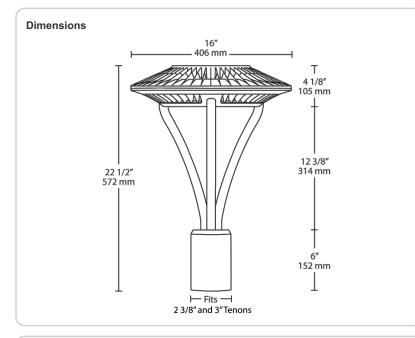
Optical

BUG Rating:

B3 U1 G1

Project:		Туре:		
Prepared	I By:	Date:		
Driver Info		LED Info		
уре:	Constant Current	Watts:	52W	
20V:	N/A	Color Temp:	5000K (Cool)	
208V:	N/A	Color Accuracy:	64 CRI	
240V: 277V:	N/A N/A	L70 Lifespan:	100,000	
		Lamono	5,404 105 LPW	
nput Watts:	5277	Efficacy:	105 LPW	

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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

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