ALED5T78RG/480/D10

RAB | Outdoor

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

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

Driver Info

Type:	Constant Current
120V:	N/A
208V:	N/A
240V:	N/A
277V:	N/A
Input Watts:	77W
Efficiency:	N/A

LED Info

Watts:	78W
Color Temp:	5000K (Cool)
Color Accuracy:	64 CRI
L70 Lifespan:	100,000
Lumens:	7,687
Efficacy:	100 LPW

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.

Dark Sky Conformance:

Conforms to (allows for conformance to) the IDA's fully shielding requirement, emitting no light above 90 degrees (with the exclusion of incidental light reflecting from fixture housing, mounts, and pole).

Electrical

THD:

7% at 120V, 16.4% at 277V

Power Factor:

99.2% at 120V, 90.6% at 277V

Drivers (3):

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

LED Characteristics

LEDs:

6x13W 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

IP Rating:

Ingress Protection rating of IP66 for dust and water

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 ALED5T78 are protected by patents pending in US, Canada, China, Taiwan and Mexico
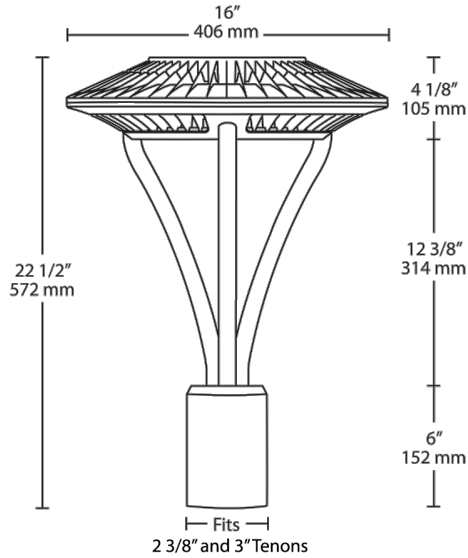
Buy American Act Compliance:

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

ALED5T78RG/480/D10

Dimensions

16″
406 mm

4 1/8″
105 mm

22 1/2″
572 mm

12 3/8″
314 mm

6″
152 mm

Fits
2 3/8″ and 3″ Tenons

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	78	^	RG	/480/D10	^	^

Distribution	Wattage	Color Temp	Finish	Driver Option	Options	Other Options
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** = 480V		
				/480/D10 = 480V w/ Dimmable		