ALED5T78RG/D10

RAB Outdoor

78W

73 CRI

100,000

101 LPW

8.335

5000K (Cool)

Type:

Date:

LED Info

Color Temp:

Color Accuracy:

L70 Lifespan:

Lumens:

Efficacy:

Watts:



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: 22.1 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.

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:

Constant Current

0.74A

0.47A

0.41A

0.35A

83W

94%

Project:

Driver Info

Type:

120V:

208V:

240V:

277V:

Input Watts:

Efficiency:

Prepared By:

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:

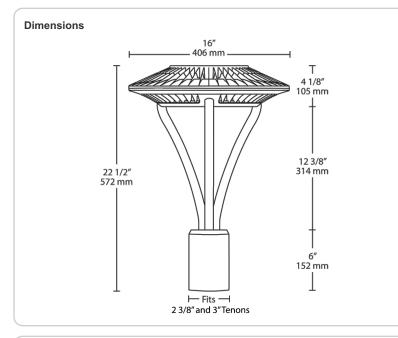
RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.

Optical

BUG Rating:

B3 U1 G1

ALED5T78RG/D10



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

Distribution	Wattage	Color Temp	Finish	Driver Option	Options	Other Options
5T	78	٨	RG	/D10	٨	٨
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 Compliar
	78 = 78W	Y = 3000K (Warm)	K = Black	/BL = Bi-Level	/PCT4 = 480V Twistlock Photocell	
			RG = Gray	/ 480 = 480∨		
				/480/D10 = 480V w/ Dimmable		
	5T	5T = Type V 26 = 26W 52 = 52W	5T 78 ^ 5T = Type V 26 = 26W Blank = 5000K (Cool) 52 = 52W N = 4000K (Neutral)	5T 78 ^ RG 5T = 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 = Gray	5T 78 ^ RG /D10 5T = 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	5T 78 ^ RG /D10 ^ 5T = Type V 26 = 26W Blank = 5000K (Cool) Blank = Bronze Blank = 120-277V Blank = No Option 5Z = 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