

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

Project:	Туре:
Prepared By:	Date:

	LED Info	
Constant Current	Watts:	78W
0.74A	Color Temp:	3000K (Warm)
0.47A	Color Accuracy:	73 CRI
0.41A	L70 Lifespan:	100,000
0.35A	Lumens:	7,992
82W	Efficacy:	97 LPW
95%		
	0.74A 0.47A 0.41A 0.35A 82W	Constant Current Watts: 0.74A Color Temp: 0.47A Color Accuracy: 0.41A L70 Lifespan: 0.35A Lumens: 82W Efficacy:

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 requirements for the IDA's "Fixture Seal of Approval" as of March 1, 2016.

Electrical

THD:

7.3% at 120V, 17.2% at 277V

Power Factor:

99.2% at 120V, 90.2% 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:

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

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

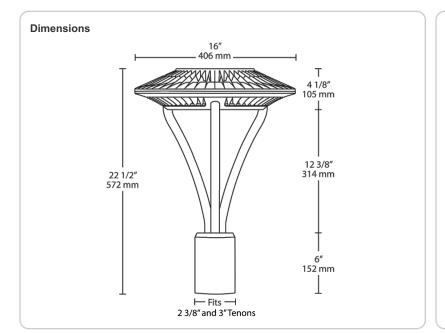
Buy American Act Compliance:

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



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

O	Ordering Matrix											
	Family	Distribution	Wattage	Color Temp	Finish	Driver Option	Options	Other Options				
	ALED	5T	78	Y	RG	۸	۸	۸				
		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		/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											