



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

| | |
|---------------------|--------------|
| Project: | Type: |
| Prepared By: | Date: |

| Driver Info | | LED Info | |
|--------------|------------------|-----------------|-----------------|
| Type: | Constant Current | Watts: | 78W |
| 120V: | 0.74A | Color Temp: | 4000K (Neutral) |
| 208V: | 0.47A | Color Accuracy: | 73 CRI |
| 240V: | 0.41A | L70 Lifespan: | 100,000 |
| 277V: | 0.35A | Lumens: | 8,421 |
| Input Watts: | 83W | Efficacy: | 101 LPW |
| Efficiency: | 94% | | |

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% at 120V, 16.4% at 277V

Power Factor:

99.2% at 120V, 90.6% at 277V

Photocell:

120-277V twistlock photocell included. Photocell is compatible with 120V - 277V.

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

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

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

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:

B3 U1 G1

Dimensions



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 | N | K | ^ | /PCT | ^ |
| | 5T = Type V | 26 = 26W 52 = 52W 78 = 78W | Blank = 5000K (Cool) N = 4000K (Neutral) Y = 3000K (Warm) | Blank = Bronze W = White K = Black RG = Gray | Blank = 120-277V /D10 = Dimmable /BL = Bi-Level /480 = 480V /480/D10 = 480V w/ Dimmable | Blank = No Option /PCT = 120-277V Twistlock Photocell /PCT4 = 480V Twistlock Photocell | Blank = Standard USA = BAA Compliant |