ALED5T78K

RAB

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

Driver Info

Type	Constant Current
120V	0.74A
208V	0.47A
240V	0.41A
277V	0.35A
Input Watts	82.70W

LED Info

Watts	78W
Color Temp	5000K (Cool)
Color Accuracy	73 CRI
L70 Lifespan	100,000
Lumens	8,335
Efficacy	100.8 LPW

Technical Specifications

Listings

UL Listed:

Suitable for wet locations

IESNA LM-79 & IESNA 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.

DLC Listed:

This product is listed by Design Lights Consortium (DLC) as an ultra-efficient premium product that qualifies for the highest tier of rebates from DLC Member Utilities. DLC Product Code: P00001705

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 color temperature over a 5-year period

Color Uniformity:

RAB's range of 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

Equivalency:

Equivalent to 350W Pulse Start Metal Halide

Technical Specifications (continued)

Other

Patents:

The designs of the ALED5T78 are protected by patents pending in US, Canada, China, Taiwan and Mexico

BAA Compliance:

Click here for BAA compliance.

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 rablighting.com/warranty.

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
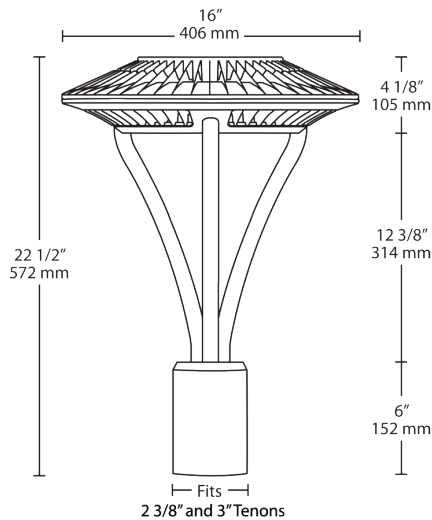
Electrical

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

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		K			
	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 **/LC =** Lightcloud Controller **/PCT =** 120-277V Twistlock Photocell **/PCT4 =** 480V Twistlock Photocell	**USA =** BAA Compliant **Blank =** Standard