ALED5T78W

RAB LIGHTING

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

Driver Info

Type:	Constant Current		
120V:	0.74A		
208V:	0.47A		
240V:	0.41A		
277V:	0.35A		
Input Watts:	89W		
Efficiency:	88%		

LED Info

Watts:	78W
Color Temp:	5000K (Cool)
Color Accuracy:	64 CRI
L70 Lifespan:	100,000
Lumens:	7,021
Efficacy:	79 LPW

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: White   Weight: 21.8 lbs

Technical Specifications

Listings

UL Listing:

Suitable for wet locations.

DLC Listed:

This product is on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities.

IESNA LM-79 & LM-80 Testing:

RAB LED luminaires have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80, and have received the Department of Energy "Lighting Facts" label.

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 C78.377-2011.

Construction

IP Rating:

Ingress Protection rating of IP66 for dust and water.

Cold Weather Starting:

Minimum starting temperature is -40°F / -40°C.

Ambient Temperature:

Suitable for use in 40°C (104°F) ambient temperatures.

Effective Projected Area:

EPA = 1.2

Thermal Management:

Superior heat sinking 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:

Our environmentally friendly polyester powder coatings are formulated for high-durability and long-lasting color, and contains no VOC or toxic heavy metals.

Green Technology:

Mercury and UV free, and RoHS compliant.

Electrical

Drivers (3):

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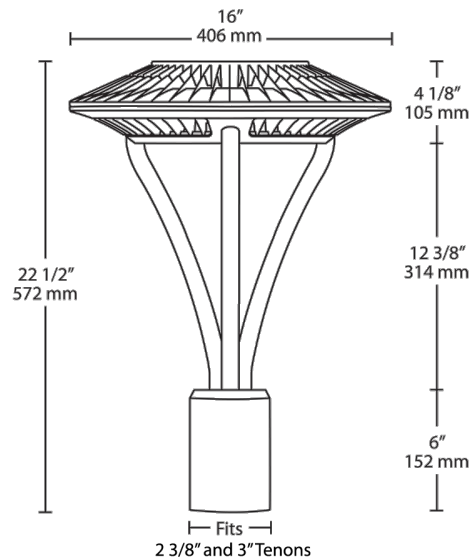
THD:

7.9% at 120V, 11.0% at 277V

Other

Patents:

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

Optical

BUG Rating:

B3 U1 G1

Need help? Tech help line: **888 RAB-1000** Email: **sales@rabweb.com** Website: **www.rabweb.com**

Page 1 of 2

ALED5T78W

RAB LIGHTING

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 warranty

Ordering Matrix

Family	Distribution	Watts	Color Temp	Finish	Dimming	Bi-Level
ALED						
	5T = Type V	**78** = 78W	= Cool	= Bronze	= No Dimming	= No Bi-Level
		52 = 52W	**Y** = Warm	**W** = White	**/D10** = Dimmable	**/BL** = Bi-Level
			N = Neutral			

Need help? Tech help line: **888 RAB-1000** Email: **sales@rabweb.com** Website: **www.rabweb.com**

Page 2 of 2