ALED5T52NW/BL

RAB LIGHTING

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

Driver Info

Type:	Constant Current
120V:	0.49A
208V:	0.31A
240V:	0.27A
277V:	0.24A
Input Watts:	59W
Efficiency:	88%

LED Info

Watts:	52W
Color Temp:	4000K
Color Accuracy:	81 CRI
L70 Lifespan:	100000
Lumens:	4,019
Efficacy:	68 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

Other

ALED5T52 with Bi-Level:

Allows 50% and 100% output modes.

Patents:

The designs of the ALED5T52 are protected by patents pending in US, Canada, China, Taiwan and Mexico.

Country of Origin:

Designed by RAB in New Jersey and assembled in the USA by RAB's IBEW Local 3 workers.

Buy American Act Compliant:

This product is a COTS item manufactured in the United States, and is compliant with the Buy American Act.

Recovery Act (ARRA) Compliant:

This product complies with the 52.225-21 "Required Use of American Iron, Steel, and Manufactured Goods-- Buy American Act-- Construction Materials (October 2010).

Trade Agreements Act Compliant:

This product is a COTS item manufactured in the United States, and is compliant with the Trade Agreements Act.

GSA Schedule:

Suitable in accordance with FAR Subpart 25.4.

Listings

UL Listing:

Suitable for wet locations.

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.

DLC Listed:

This product is on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities.
DLC Product Code: PG661611

LED Characteristics

LEDs:

4x13W 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 C78.377-2011.

Electrical

Drivers (2):

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

THD:

7.8% at 120V, 10.6% at 277V

Construction

Cold Weather Starting:

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

Maximum Ambient Temperature:

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

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

ALED5T52NW/BL

RAB LIGHTING

Technical Specifications (continued)

Construction

Finish:

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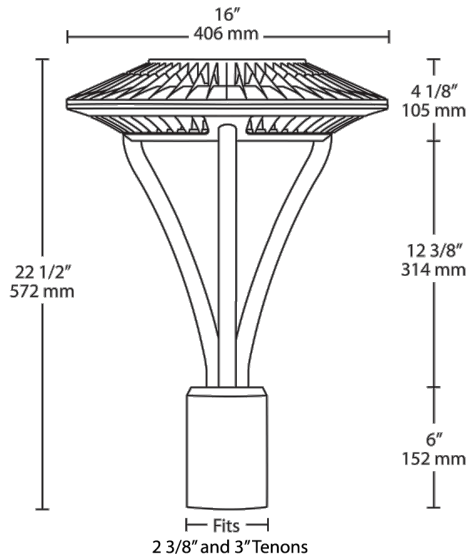
Green Technology:

Mercury and UV free. RoHS compliant components. Polyester powder coat finish formulated without the use of VOC or toxic heavy metals.

Optical

BUG Rating:

B2 U1 G1

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	**Blank** = 5000K (Cool)	**Blank** = Bronze	**Blank** = No Dimming	**Blank** = No Bi-Level
		52 = 52W	**Y** = 3000K (Warm)	**W** = White	**/D10** = Dimmable	**/BL** = Bi-Level
		26 = 26W	**N** = 4000K (Neutral)			

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

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