ALED5T52NW/480/PCT4

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: White   Weight: 21.8 lbs

Driver Info

Type	Constant Current
120V	N/A
208V	N/A
240V	N/A
277V	N/A
Input Watts	51.7W

LED Info

Watts	52W
Color Temp	4000K (Neutral)
Color Accuracy	81 CRI
L70 Lifespan	100,000 Hours
Lumens	5,460
Efficacy	105.6 lm/W

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

LED Characteristics

LEDs:

4x13W high-output, long-life LEDs

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 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.

Performance

Lifespan:

100,000-Hour LED lifespan based on IES LM-80 results and TM-21 calculations

Construction

Cold Weather Starting:

Minimum starting temperature is -40°C (-40°F)

Maximum Ambient Temperature:

Suitable for use in up to 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

RAB

Technical Specifications (continued)

Construction

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 150W Metal Halide

Patents:

The designs of the ALED5T52 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 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:

B2 U1 G1

Electrical

THD:

8.5% at 480V

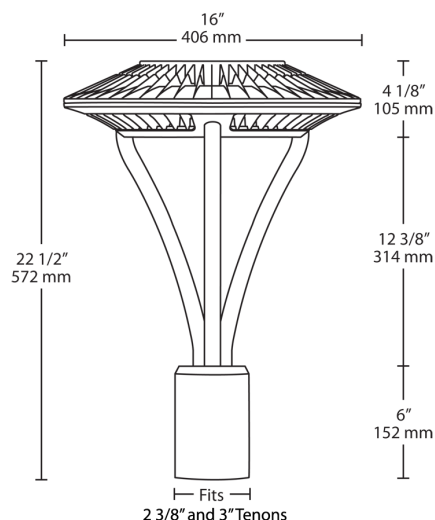**Power Factor:**

88.6% at 480V

Photocell:

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

Drivers (2):

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

RAB

Ordering Matrix

Family	Distribution	Wattage	Color Temp	Finish	Driver Option	Options	Other Options
ALED	5T	52	N	W	/480	/PCT4	
	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