

# ALED5T52NW/480/PCT4



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

Project:

Type:

Prepared By:

Date:

## Driver Info

Type:	Constant Current
120V:	N/A
208V:	N/A
240V:	N/A
277V:	N/A
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

## Technical Specifications

### 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.

### 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 warranted 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

#### 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

#### 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.

### Other

#### 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.

#### 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.

#### Patents:

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

### Optical

#### BUG Rating:

B2 U1 G1

### Electrical

#### Photocell:

480V Twistlock Photocell Included. Photocell is compatible with 480V.

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## 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 warranty

## Ordering Matrix

Family	Distribution	Watts	Color Temp	Finish	Dimming	Bi-Level
ALED	5T = Type V	78 = 78W 52 = 52W 26 = 26W	Blank = 5000K (Cool) Y = 3000K (Warm) N = 4000K (Neutral)	Blank = Bronze W = White	Blank = No Dimming /D10 = Dimmable	Blank = No Bi-Level /BL = Bi-Level