# **ALED5T78N/480**





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: Bronze Weight: 21.8 lbs

Project:	Туре:
Prepared By:	Date:

Driver Info		LED Info		
Type:	Constant Current	Watts:	78W	
120V:	N/A	Color Temp:	4000K	
208V:	N/A	Color Accuracy:	82 CRI	
240V:	N/A	L70 Lifespan:	100000	
277V:	N/A	Lumens:	5,874	
Input Watts:	90W	Efficacy:	66 LPW	
Efficiency:	87%			

# **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:

6x13W 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.

## Construction

# IP Rating:

Ingress Protection rating of IP66 for dust and water.

#### **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:**

FPA = 12

#### **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 ALED5T78 are protected by patents pending in US, Canada, China, Taiwan and Mexico.

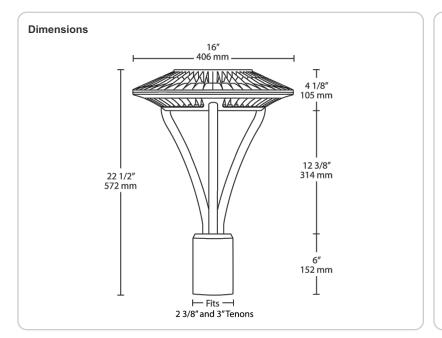
# Optical

### **BUG Rating:**

B3 U1 G1

# ALED5T78N/480





# **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						
	<b>5T</b> = Type V	<b>78</b> = 78W <b>52</b> = 52W <b>26</b> = 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