

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: Gray Weight: 20.9 lbs

Project:	Туре:
Prepared By:	Date:

Driver Info		LED Info	
Type:	Constant Current	Watts:	52W
120V:	0.49A	Color Temp:	4000K (Neutral)
208V:	0.31A	Color Accuracy:	73 CRI
240V:	0.27A	L70 Lifespan:	100,000
277V:	0.24A	Lumens:	5,793
Input Watts:	55W	Efficacy:	105 LPW
Efficiency:	95%		

## **Technical Specifications**

### Listings

### **UL Listing:**

Suitable for wet locations

### IESNA LM-79 & 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.

### **Electrical**

# THD:

7.2% at 120V, 17% at 277V

# **Power Factor:**

99.1% at 120V, 90.2% at 277V

### Drivers (2):

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

### **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 C78.377-2017

### Construction

## **Cold Weather Starting:**

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

## **Maximum Ambient Temperature:**

Suitable for use in 40°C (104°F)

# Effective Projected Area:

EPA = 1.2

## 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:

Formulated for high-durability and long lasting color

## Green Technology:

Mercury and UV-free. RoHS compliant components.

### Other

# Patents:

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

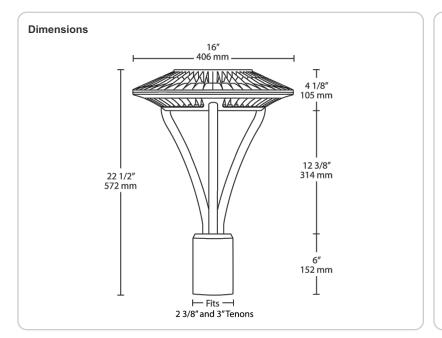
### **Buy American Act Compliance:**

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



## **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

Ordering N	Ordering Matrix									
Family	Distribution	Wattage	Color Temp	Finish	Driver Option	Options	Other Options			
ALED	5T	52	N	RG	٨	۸	٨			
	<b>5T</b> = Type V	<b>26</b> = 26W	Blank = 5000K (Cool)	Blank = Bronze	<b>Blank</b> = 120-277V	Blank = No Option	Blank = Standard			
		<b>52</b> = 52W	<b>N</b> = 4000K (Neutral)	W = White	/D10 = Dimmable	/PCT = 120-277V Twistlock Photocell	<b>USA</b> = BAA Compliant			
		<b>78</b> = 78W	Y = 3000K (Warm)	K = Black	/BL = Bi-Level	/PCT4 = 480V Twistlock Photocell				
				RG = Gray	<b>/480</b> = 480V					
/480/D10 = 480V w/ Dimmable										