



High output LED pole top area light with IES type V square distribution. Wide and uniform 360 degree pattern ideal for large outdoor areas such as parking lots, corporate parks, and retail settings.

Color: White

Weight: 33.1 lbs

Project:

Type:

Prepared By:

Date:

#### Driver Info

Type	Constant Current	Watts	150W
120V	N/A	Color Temp	5000K (Cool)
208V	N/A	Color Accuracy	73 CRI
240V	N/A	L70 Lifespan	100,000 Hours
277V	N/A	Lumens	14,901 lm
Input Watts	154.8W	Efficacy	96.3 lm/W

#### LED Info

## Technical Specifications

### Lightcloud

#### Lightcloud Controller Installed:

Integrated/embedded networked lighting control, luminaire-level lighting control. Fixture, Zone, and plug-load control from one powerful device. LLLC - capable of switching, 0-10V dimming, power/energy monitoring. Can also be used to extend the range of the Lightcloud mesh network communication protocols. Offers the capability to set the maximum light output to a less-than-maximum state of an individual luminaire at the time of installation or commissioning. The High-End trim functionality is field reconfigurable via the Lightcloud mesh network communication protocols. The Lightcloud controller can be attached to the fixture, junction box, or electrical panel.

DLC system - NHCZ2B1A17L

[Learn more at www.lightcloud.com](http://www.lightcloud.com)

### Compliance

#### UL Listed:

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.

### LED Characteristics

#### LEDs:

Long-life, high-efficacy, surface-mount LEDs

### Color Consistency:

7-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 IESLM-80 results and TM-21 calculations

### Wattage Equivalency:

Equivalent to 400W Metal Halide

### Optical

#### BUG Rating:

B4 U0 G3

#### Optics:

Square, Type V distribution

### Construction

#### Cold Weather Starting:

The minimum starting temperature is -40°F (-40°C)

#### Maximum Ambient Temperature:

Suitable for use in up to 104°F (40°C)

#### Thermal Management:

Superior thermal management with external air-flow fins

#### Effective Projected Area:

EPA = 0.7

#### Lens:

Clear polycarbonate lens

#### Reflector:

Vacuum-metallized polycarbonate

#### Gaskets:

High-temperature silicone

#### Finish:

Formulated for high durability and long-lasting color

#### Green Technology:

Mercury and UV free. RoHS-compliant components.

**Technical Specifications (continued)****Installation****Mounting:**

Tenon for 2 3/8" or 3" OD post or pole-top adapter

**Electrical****Driver:**

Constant Current, Class 2 with 4kV surge protection,  
347-480VAC, 50/60 Hz

**Dimming Driver:**

Driver includes dimming control wiring for 0-10V  
dimming systems. Requires separate 0-10V DC  
dimming circuit. Dims down to 10%.

**THD:**

14.4% at 480V

**Power Factor:**

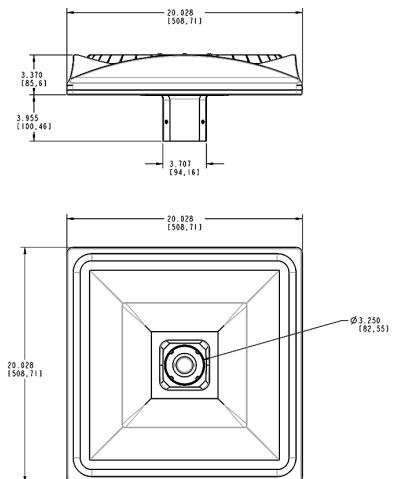
88.2% at 480V

**Other****Patents:**

The designs of the ALED5S are protected by patents  
pending in US, Canada, China, Taiwan and Mexico

**5-Year, No-Compromise 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](http://rablighting.com/warranty).

**Dimensions****Features**

Precision optics deliver uniform, optimal light distribution

Perfect for parking lots and pathways

100,000-Hour LED lifespan

**Ordering Matrix**

Family	Wattage	Color Temp	Finish	Driver Options	Sensor Options	Other Options
ALED5S	150		W	/480/D10	/LC	
	150 = 150W 78 = 78W	Blank = 5000K Cool N = 4000K Neutral Y = 3000K Warm	Blank = Bronze W = White	/D10 = 120-277V, 0-10V Dimming /480/D10 = 480V, 0-10V Dimming /BL = Bi-Level	Blank = No Option /7PR/WS2 = 7-Pin Receptacle w/Motion Sensor /7PR = 7-Pin Receptacle /5PR = 5 Pin Receptacle /LC = Lightcloud /WS2 = Motion Sensor/Photocell /PCT4 = 480V Twistlock Photocell /PCT = 120-277V Twistlock Photocell	Blank = Standard USA = BAA Compliant