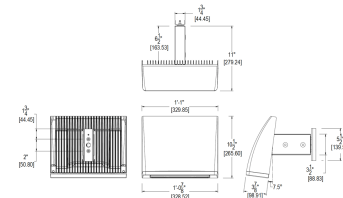


# ALEDC52N

ALED Area Lights mount to 4" square steel poles at 15-20'. Available in regular, cutoff and full cutoff versions. 1 to 4 fixtures can be mounted to each pole. IES Full Cutoff, Fully Shielded optics. 5 year Warranty.

Color: Bronze

Weight: 16.4 lbs



## LED Info

Watts: 52W  
 Color Temp: 4000K (Neutral)  
 Color Accuracy: 86  
 L70 Lifespan: 100000  
 LM79 Lumens: 2,555  
 Efficacy: 43 LPW

## Driver Info

Type: Constant Current  
 120V: 0.51 A  
 208V: 0.33 A  
 240V: 0.29 A  
 277V: 0.25 A  
 Input Watts: 60W  
 Efficiency: 87%

## Technical Specifications

### UL Listing:

Suitable for wet locations and Suitable for mounting below 4' of the ground.

### Lumen Maintenance:

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

### IES Classification:

The Type III distribution is ideal for roadway, general parking and other area lighting applications where a larger pool of lighting is required. It is intended to be located near the side of the area, allowing the light to project outward and fill the area.

### LEDs:

Four (4) multi-chip, 13W high-output, long-life LEDs

### Drivers:

Two drivers, constant current, 720mA, Class 2, 100 - 277V, 50 - 60 Hz, 100 - 277VAC .8 Amps.

### Fixture Efficacy:

43 Lumens per Watt

### Ambient Temperature:

Suitable for use in 40°C ambient temperatures.

### Surge Protection:

6 KV

### Cold Weather Starting:

The minimum starting temperature is -40°F/-40°C

### Thermal Management:

Cast aluminum Thermal Management system for optimal heat sinking. The ALED is designed for cool operation, most efficient output and maximum LED life by minimizing LED junction temperature.

### Housing:

Precision die cast aluminum housing, lens frame.

### Arm:

Die-cast aluminum with wiring access plate.

### Color Stability:

RAB LEDs exceed industry standards for chromatic stability.

### Color Accuracy:

86 CRI

### Color Temperature (Nominal CCT):

4000k

### 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 C78.377-2008.

### Reflector:

Hydroformed aluminum designed for maximum efficiency.

### Gaskets:

High temperature silicone.

### Finish:

Chip and fade resistant polyester powder coat finish.

### Green Technology:

ALEDs are Mercury and UV free.

### IESNA LM-79 & IESNA LM-80 Testing:

RAB LED luminaires have been tested by an independent laboratory in accordance with IESNA LM-79 and 80, and have received the Department of Energy "Lighting Facts" label.



ALEDC52N - continued

**Replacement:**

The ALED52 replaces 150W HID Area Lights.

**California Title 24:**

ALED complies with California Title 24 building and electrical codes.

**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. See our full warranty

**Patents:**

The WPLED design is protected by patents pending in the U.S., Canada, China, Taiwan and Mexico.

**For use on LEED Buildings :**

IDA Dark Sky Approval means that this fixture can be used to achieve LEED Credits for Light Pollution Reduction

**Dark Sky Approved :**

The International Dark Sky Association has approved this product as a full cutoff, fully shielded luminaire.

**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.

**Recovery Act (ARRA) Compliant:**

This product complies with the 52.225-21 "Required Use of American Iron, Steel, and Manufactured Goods-- Buy American Act-- Construction Materials (October 2010)

**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

