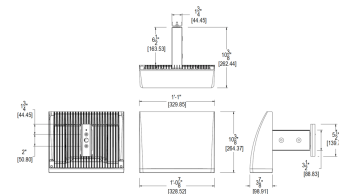


ALEDFC52N

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: 2,556
 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.

Effective Projected Area :

EPA = 1.5

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.



ALED52N - continued

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.

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

