

ALEDFC52Y

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

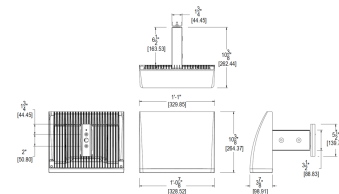
Weight: 16.4 lbs

LED Info

Watts: 52W
 Color Temp: 3000K (Warm)
 Color Accuracy: 85
 L70 Lifespan: 100000
 LM79 Lumens: 2,398
 Efficacy: 40 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:

40 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.

Effective Projected Area :

EPA = 1.5

Color Accuracy:

85 CRI

Color Temperature (Nominal CCT):

3000k

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.



ALED52Y - 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:

RC RAB LED products are warranted for color shift less than 200K shift, 3-step consistency, light output above 70%, driver performance and a blemish free finish, all over a 5 year period. See our full warranty

Patents:

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

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

