



ALED Area Light mounts to 4" square steel poles at 15-20'. 1 to 4 ALEDs can be mounted to each pole. IESNA Full Cutoff, Fully shielded optics. 5 year warranty.

Color: Bronze Weight: 3.3 lbs

Project:	Туре:
Prepared By:	Date:

Driver Info		LED Info	
Type:	Constant Current	Watts:	13W
120V:	0.13A	Color Temp:	3000K (Warm)
208V:	0.08A	Color Accuracy:	87 CRI
240V:	0.07A	L70 Lifespan:	100,000
277V:	0.06A	Lumens:	662
Input Watts:	15W	Efficacy:	44 LPW
Efficiency:	87%		

Technical Specifications

Listings

cUL Listing:

Suitable for wet locations.

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.

Optical

Lumen Maintenance:

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

Lumen Maintenance:

The LED will deliver 70% of its initial lumens at 100,000 hours of operation.

Fixture Efficacy:

44 Lumens per Watt

Construction

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.

Housing

Precision die cast aluminum housing, lens frame.

Gaskets:

High temperature silicone.

Effective Projected Area:

EPA = 0.2

Finish:

Our environmentally friendly polyester powder coatings are formulated for high-durability and long-lasting color, and contains no VOC or toxic heavy metals.

Green Technology:

ALEDs are Mercury, Arsenic and UV free.

Ambient Temperature:

Suitable for use in 50°C (122°F) ambient temperatures.

Cold Weather Starting:

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

Green Technology:

RC LEDs are Mercury, Arsenic and UV free.

Other

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.

Patents:

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

California Title 24:

See ALED13/PC for a 2013 California Title 24 compliant model.

Equivalency:

The ALED13 is Equivalent in delivered lumens to a 50W Metal Halide Area Light.

HID Replacement Range:

The ALED13 can be used to replace 35 - 70W Metal Halide Area Lights based on delivered lumens.

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.

LED Characteristics

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.



Technical Specifications (continued)

LED Characteristics

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.

Color Temperature:

3000K

Color Accuracy:

87 CRI

Electrical

Driver:

Multi-chip 13W high output long life LED Driver Constant Current, Class 2 100V - 277V, 50/60 Hz.

Surge Protection:

4KV

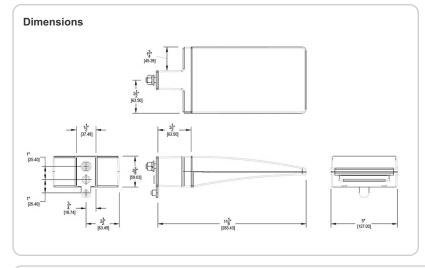
Features

High output LED light engine

Maintains 70% of initial lumens at 100,000 hours

Weatherproof high temperature silicone gaskets

Superior heat sinking with die cast aluminum housing and external fins



Ordering Matrix				
Family	Watts	Color Temp	Finish	Photocell
ALED				
	20 = 20W	= Cool	= Bronze	= No Photocell
	13 = 13W	Y = Warm	W = White	/PC = 120V Button
	10 = 10W	N = Neutral		/ PC2 = 277V Button