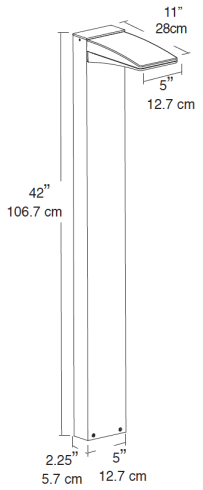
BLED13NW

42" high rectangular Bollard with (1) 13 Watt (equivalent to a 150 Watt MH) LED fixture for low level lighting applications. Great for pathway lighting! IESNA Full Cutoff, Fully Shielded optics. 5 year warranty.

Color: White

Weight: 19.0 lbs



LED Info

Watts:	13W
Color Temp:	4000K (Neutral)
Color Accuracy:	86
L70 Lifespan:	100000
LM79 Lumens:	673
Efficacy:	45 LPW

Driver Info

Type:	Constant Current
120V:	0.13A
208V:	0.08A
240V:	0.07A
277V:	0.06A
Input Watts:	15W
Efficiency:	86%

Technical Specifications

UL Listing:
Suitable for wet locations.

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

Junction Box:
Junction Box Not Included.

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

THD:
21.7% at 120V

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

Cold Weather Starting:
The minimum starting temperature is -40°F/-40°C.

Surge Protection:
4KV

Fixture Efficacy:
45 Lumens per Watt

Color Temperature:
4000K

Color Accuracy:
86 CRI

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

Green Technology:
BLEDs are Mercury and UV free.

California Title 24:
See BLED13/PC for a 2013 California Title 24 compliant model.

Patents:
The design of the BLED is protected by patents pending in Canada, U.S. Pat. D599,050 and Pat. D599,049, and patents pending in China and Taiwan.

Equivalency:
The BLED13 is Equivalent in delivered lumens to a 70W Metal Halide Bollard.

HID Replacement Range:
The BLED13 can be used to replace 35-100W Metal Halide Bollards based on delivered lumens.

Thermal Management:
Cast aluminum Thermal Management system for optimal heat sinking. The BLED 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.

Mounting:
42" Bollard.

Gaskets:
High temperature silicone.

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

Anchor Bolt:
The anchor bolts for the BLED's have the following dimensions 1/2 - 13 x 12 1/4" long with 2 3/4" hook.

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.

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.

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.

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.

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.