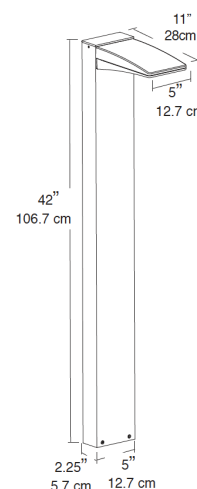


# BLED13Y

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: Bronze

Weight: 19.0 lbs



## LED Info

Watts: 13W  
 Color Temp: 3000K (Warm)  
 Color Accuracy: 87  
 L70 Lifespan: 100000  
 LM79 Lumens: 708  
 Efficacy: 48 LPW

## Driver Info

Type: Constant Current  
 120V: 0.13A  
 208V: 0.08A  
 240V: 0.07A  
 277V: 0.06A  
 Input Watts: 15W  
 Efficiency: 87%

## 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:

11.2% at 120V

### Ambient Temperature:

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

### Cold Weather Starting:

The minimum starting temperature is -30C.

### Surge Protection:

4KV

### 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.

BLED13Y - 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.

**Color Consistency:**

3-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color.

**Color Stability:**

LED color temperature is warranted 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.

