BLED10Y

RAB LIGHTING

Project:		Type:
Prepared By:		**Date:**

42" high rectangular Bollard with (1) 10 Watt (equivalent to a 70 Watt HPS) LED fixture for low level lighting applications. Great for pathway lighting! IESNA Full Cutoff, Fully Shielded optics. 5 year warranty.

Color: Bronze   Weight: 11.0 lbs

Driver Info

Type:	Constant Current
120V:	0.21A
208V:	0.14A
240V:	0.12A
277V:	N/A
Input Watts:	12W
Efficiency:	83%

LED Info

Watts:	10W
Color Temp:	3000K
Color Accuracy:	83 CRI
L70 Lifespan:	100000
Lumens:	876
Efficacy:	73 LPW

Technical Specifications

Listings

UL 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.

LED Characteristics

Lifespan:

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

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 C78.377-2011.

Construction

Junction Box:

Junction Box Not Included.

Cold Weather Starting:

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

Maximum Ambient Temperature:

Suitable for use in 40°C (104°F) ambient temperatures

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.

Green Technology:

Mercury and UV free. RoHS compliant components. Polyester powder coat finish formulated without the use of VOC or toxic heavy metals.

Electrical

Driver:

Multi-chip 10W high output long life LED Driver Constant Current, Class II, 120V-240V, 50/60/ Hz, 350mA.

Other

California Title 24:

See BLED10/PC for a 2013 California Title 24 compliant model.

Patents:

The design of the BLED is protected by patents in Canada Pat. 135,163, U.S. Pat. D599,050 and patents pending in China and Taiwan.

Equivalency:

The BLED10 is Equivalent in delivered lumens to a 32W CFL Bollard.

HID Replacement Range:

The BLED10 can be used to replace 13-42W CFL Bollards based on delivered lumens.

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.

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.

Need help? Tech help line: **(888) RAB-1000** Email: **sales@rabweb.com** Website: **www.rabweb.com**

Page 1 of 2

BLED10Y
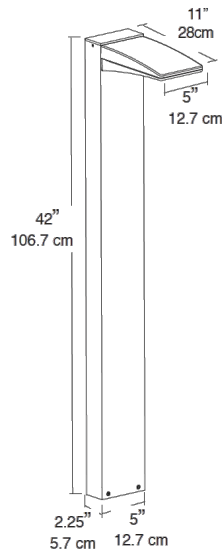
Technical Specifications (continued)

Optical

Lumen Maintenance:

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

BUG Rating:

B0 U0 G0

Dimensions

11"
28cm

5"
12.7 cm

42"
106.7 cm

2.25"
5.7 cm

5"
12.7 cm

Features

High output LED

100,000 hour life

Superior heat sinking with die cast aluminum housing

Meets ADA requirements

Cutting-edge, heat-dissipating design

5-year warranty