



42" high rectangular Bollard with (1) 20 Watt LED fixture for a low level lighting applications. Equivalent to a 150 Watt MH. Great for pathway lighting! IESNA Full Cutoff, Fully Shielded optics. 5 year warranty.

Color: Bronze

Weight: 19.6 lbs

Project:

Type:

Prepared By:

Date:

Driver Info

Type: Constant Current
120V: 0.19A
208V: 0.12A
240V: 0.10A
277V: 0.08A
Input Watts: 22W
Efficiency: 92%

LED Info

Watts: 20W
Color Temp: 3000K (Warm)
Color Accuracy: 71 CRI
L70 Lifespan: 100,000
Lumens: 985
Efficacy: 45 LPW

Technical Specifications

Listings

UL Listing:

Suitable for wet locations.

Dark Sky Approved:

The International Dark Sky Association has approved this product as a full cutoff, fully shielded luminaire.

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:

7-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.

Construction

Junction Box:

Junction Box Not Included.

Ambient Temperature:

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

Cold Weather Starting:

The minimum starting temperature is -30°C.

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:

BLEDs are Mercury, Arsenic and UV free.

For use on LEED Buildings:

IDA Dark Sky Approval means that this fixture can be used to achieve LEED Credits for Light Pollution Reduction.

Electrical

Driver:

Constant Current, Class2, 100 -277V, 50/60 Hz, 100 - 240VAC 0.3 - 0.15A, 277VAC 0.15A

THD:

6.82% at 120V

Total Harmonic Distortion:

THD = 8.1%.

Optical

Fixture Efficacy:

45 Lumens per Watt

Lumen Maintenance:

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

Other

California Title 24:

See BLED20/PC for a 2013 California Title 24 compliant model.

Patents:

The BLED20 RCL design is protected under patents pending in Canada, U.S., China, Taiwan and Mexico.

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.

Technical Specifications (continued)

Other

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).

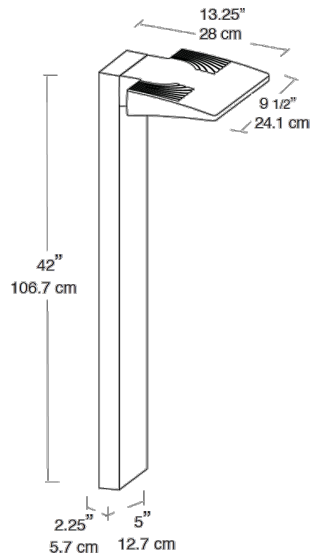
Trade Agreements Act Compliant:

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.

Dimensions



Features

- High output LED
- 100,000 hour life
- Superior heat sinking with die cast aluminum housing
- Meets ADA Requirements