BLEDR5-42W/PC

RAB LIGHTING

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

Professional Grade LED Bollards compliment any pathway or landscape design. Low profile 5W Round LED comes in Cool, Warm and Neutral color temperatures. Bollards come in 18, 36 and 42" versions

Color: White   Weight: 11.5 lbs

Driver Info

Type:	Constant Current
120V:	0.1A
208V:	N/A
240V:	N/A
277V:	N/A
Input Watts:	5W
Efficiency:	96%

LED Info

Watts:	5W
Color Temp:	5000K
Color Accuracy:	68 CRI
L70 Lifespan:	100000
Lumens:	213
Efficacy:	41 LPW

BLEDR5-42W/PC

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.

Electrical

Photocell:

120V Button Photocell Included. Photocell is only compatible with 120V.

Driver:

Multi-chip 5W high output long life LED Driver Constant Current, Class II, 120V-240V, 50/60 Hz, 400mA.

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 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.

Other

Equivalency:

The BLEDR5 is Equivalent in delivered lumens to a 13W CFL or 60W Incandescent Bollard.

HID Replacement Range:

The BLEDR5 can be used to replace 13-26W CFL or 13-60W Incandescent Bollards based on delivered lumens.

California Title 24:

BLEDR5-42/PC complies with 2013 California Title 24 building and electrical codes as a commercial outdoor non-pole-mounted fixture < 30 Watts.

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.

Construction

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.

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

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.
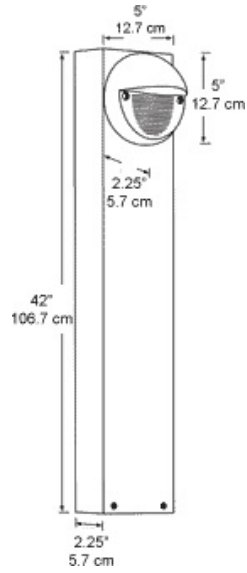
Technical Specifications (continued)

Optical

Lumen Maintenance:

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

BLEDR5-42W/PC

RAB
LIGHTING

Dimensions

5"
12.7 cm

5"
12.7 cm

2.25"
5.7 cm

42"
106.7 cm

2.25"
5.7 cm

Features

High output LED

100,000 hour life

Superior heat sinking with die cast aluminum housing

Meets ADA Requirements