

BLED5DC-42

Color: Bronze

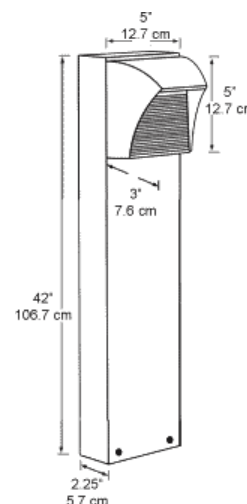
Weight: 11.8 lbs

LED Info

Watts: 5W
 Color Temp: 5000K (Cool)
 Color Accuracy: 68
 L70 Lifespan: 100000
 LM79 Lumens: 196
 Efficacy: 38 LPW

Driver Info

Type: DC to DC
 120V: N/A
 208V: N/A
 240V: N/A
 277V: N/A
 Input Watts: 5W
 Efficiency: 96%



Technical Specifications

UL Listing:

Suitable for wet locations.

Max Watts:

Max Watts = 4.5W, Input Volts = 10-30V DC, Input Amps = $0.45 \frac{W}{V} \cdot \frac{1}{V} = 0.15A$.

Lifespan:

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

Driver:

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

Color Temperature (Nominal CCT):

5000K

Color Accuracy:

68 CRI

Equivalency:

The BLED5 is Equivalent in delivered lumens to a 13W CFL or 60W Incandescent Bollard.

HID Replacement Range:

The BLED5 can be used to replace 13-26W CFL or 13-60W Incandescent 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.

Lumen Maintenance:

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

Housing:

Precision die cast aluminum housing, lens frame.

Mounting:

42" Bollard.

Cold Weather Starting:

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

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:

BLEDs are Mercury, Arsenic and UV free.

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:

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.

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.