



LED bollard with emergency backup battery that will last for 90 minutes during power interruption. Available in 12, 18 and 24 Watt versions that provide 180, 270 and 360 degree lighting patterns.

Color: White

Weight: 23.0 lbs

Project:	Type:
Prepared By:	Date:

Driver Info		LED Info	
Type:	Constant Current	Watts:	24W
120V:	0.26A	Color Temp:	3000K
208V:	0.18A	Color Accuracy:	82 CRI
240V:	0.15A	L70 Lifespan:	100000
277V:	0.14A	Lumens:	1,161
Input Watts:	32W	Efficacy:	36 LPW
Efficiency:	75%		

Technical Specifications

Other

Cold Start BLEDR24 with Battery Backup:

Minimum starting temperature is -20°C/-4°F

Patents:

The design of BLED is protected by patents pending in US, Canada, 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.

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.

Listings

UL Listing:

Suitable for wet locations. Battery Backup UL 924 Listed Emergency Lighting Power Supply

IESNA LM-79 & IESNA LM-80 Testing:

RAB LED fixtures 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

LEDs:

26W multi-chip, high output, long-life LED

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 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 C78.377-2011

Electrical

Driver:

Constant Current, 720mA, Class 2, 6kV Surge Protection, 100V-277V, 50-60 Hz, 100-240V.4 Amps.

THD:

10.9% at 120V

Battery Backup

Backup Battery:

Two field-replaceable, high-temperature, maintenance-free, nickel-cadmium batteries.

Construction

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, maximum efficiency and long life by minimizing LED junction temperature.

Housing:

Die-cast aluminum with extruded aluminum bollard shaft

Lens:

Clear, vandal-resistant polycarbonate

Mounting:

Four (4) anchor bolts provided for concrete pad mounting. Internal base support has leveling screws.

Reflector:

Specular polycarbonate

Gaskets:

High-temperature silicone gaskets seal out moisture gaskets seal out moisture

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High-temperature silicone gaskets seal out moisture

Technical Specifications (continued)

Construction

Anchor Bolt:

Anchor Bolt Dimension is available .

Finish:

Our environmentally friendly polyester powder coatings are formulated for high-durability and long-lasting color, and contain no VOC or toxic heavy metals.

Green Technology:

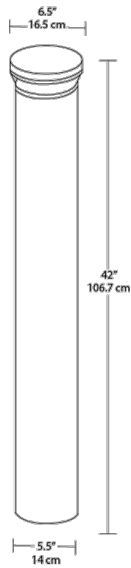
Mercury and UV free. RoHS compliant components. Polyester powder coat finish formulated without the use of VOC or toxic heavy metals.

Optical

BUG Rating:

B1 U1 G0

Dimensions



Features

- Backup battery UL924 listed
- Patent-pending base mount design for super sturdy installation
- Durable construction and vandal-resistant polycarbonate lens
- 90 minutes illumination time during power interruption
- 3 configurations to provide 360°, 270° or 180° lighting pattern
- Precision-engineered optics deliver maximum downward lighting without glare
- Four leveling screws provided for easy installation
- 100,000-hour LED lifespan