



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

Color: Black

Weight: 11.4 lbs

**Project:**

**Type:**

**Prepared By:**

**Date:**

### Driver Info

Type	Constant Current
120V	0.26A
208V	0.18A
240V	0.15A
277V	0.14A
Input Watts	22.5W

### LED Info

Watts	24W
Color Temp	5100K (Cool)
Color Accuracy	73 CRI
L70 Lifespan	100,000 Hours
Lumens	2,724 lm
Efficacy	121.1 lm/W

## Technical Specifications

### Compliance

#### UL Listed:

Suitable for wet locations. Suitable for mounting within 4 ft (1.2m) of the ground.

#### IESNA LM-79 & lm-80 Testing:

RAB LED luminaires and LED components have been tested by an independent laboratory in accordance with IESNA lm-79 and lm-80

### LED Characteristics

#### LEDs:

Long-life, high-efficiency, surface-mount LEDs

#### Color Consistency:

5-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 color temperature over a 5-year period

#### Color Uniformity:

RAB's range of Correlated Color Temperature follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2017

### Performance

#### Lifespan:

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

### Construction

#### Cold Start BLEDR24 with Battery Backup:

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

#### Thermal Management:

Cast aluminum Thermal Management system for optimal heat sinking. The BLEDR is designed for cool operation, maximum efficiency and long life by minimizing LED junction temperature.

#### Housing:

Die-cast aluminum with extruded aluminum post

#### Lens:

Frosted vandal resistant polycarbonate

#### Reflector:

Vacuum-metalized polycarbonate

#### Mounting:

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

#### Gaskets:

High-temperature silicone gaskets seal out moisture

### Anchor Bolt:

Anchor Bolt Dimension is available [here](#).

### Finish:

Our environmentally friendly polyester powder coatings are formulated for high-durability and long-lasting color

### Green Technology:

Mercury and UV free. RoHS-compliant components.

### Electrical

#### Driver:

Constant Current, Class 2, 100-277V, 50/60 Hz, 4kV Surge Protection, 720mA, 120V: 0.26A, 208V: 0.18A, 240V: 0.15A, 277V: 0.14A

#### THD:

4.52% at 120V, 5.67% at 277V

#### Power Factor:

99.6% at 120V, 93.5% at 277V

### Battery Backup:

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

## Technical Specifications (continued)

### Optical

#### BUG Rating:

B2 U3 G2

### Other

#### Patents:

The design of BLEDR is protected by patents in US, Canada & China

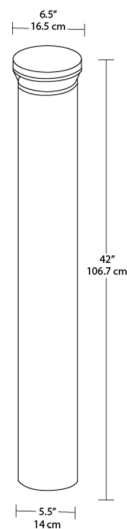
#### Warranty:

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. RAB's warranty is subject to all terms and conditions found at [rablighting.com/warranty](http://rablighting.com/warranty).

#### Buy American Act Compliance:

RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.

## 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
- 360° lighting pattern
- Precision-engineered optics deliver maximum downward lighting without glare
- Four leveling screws provided for easy installation
- 100,000-hour LED lifespan