

# BLEDR12



LED bollard with architectural quality and strength at an affordable price point. Cylindrical post with round head. Available in 12, 18 and 24 Watt versions that provide 90, 180, 270 and 360 degree lighting patterns.

Color: Bronze

Weight: 18.6 lbs

**Project:**

**Type:**

**Prepared By:**

**Date:**

## Driver Info

Type: Constant Current  
120V: 0.13A  
208V: 0.09A  
240V: 0.08A  
277V: 0.07A  
Input Watts: 16W  
Efficiency: 75%

## LED Info

Watts: 12W  
Color Temp: 5100K  
Color Accuracy: 69 CRI  
L70 Lifespan: 100000  
Lumens: 828  
Efficacy: 52 LPW

## Technical Specifications

### Listings

#### UL Listing:

Suitable for wet locations.

#### 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:

6W multi-chip, long-life LEDs

#### 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

### Electrical

#### Driver:

Constant Current, Class2, 100-277V, 50/60 Hz, 4kV Surge Protection, 100-240VAC 0.3-0.15 A, 277VAC 0.3 A.

#### THD:

11.2% at 120V

### Construction

#### Ambient Temperature:

Suitable for use in 40°C (104°F) ambient temperatures

#### Cold Weather Starting:

Minimum starting temperature is -40°F/-40°C

#### 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

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### 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.

### Other

### California Title 24:

BLEDR12 complies with 2013 California Title 24 building and electrical codes as a commercial outdoor non-pole-mounted fixture < 30 Watts when used with a photosensor control. Select catalog number PCS900(120V) or PCS900/277 to order a photosensor.

### 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. See our full warranty .

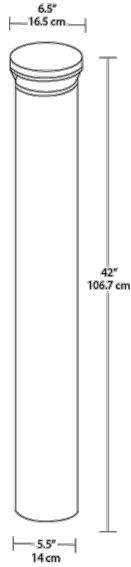
### Optical

### BUG Rating:

B1 U1 G1

# BLEDR12

## Dimensions



## Features

- Patent-pending base mount design for super sturdy installation
- Durable construction and vandal-resistant polycarbonate lens
- 3 configurations to provide 360°, 270°, 180° or 90° lighting pattern
- Precision-engineered optics deliver maximum downward lighting w/o glare
- Four leveling screws provided for easy installation
- 100,000-hour LED lifespan

## Ordering Matrix

Family	Shape	Watts	Color Temp	Finish	Type
BLED	R = Round	12 = 12W 18 = 18W 24 = 24W	Blank = 5000K (Cool) Y = 3000K (Warm) N = 4000K (Neutral)	Blank = Bronze W = White	Blank = 90° (12W), 270° (18W), 360° (24W) lighting patterns 180 = 180° lighting pattern (12W)