



LED bollard with architectural quality and strength at an affordable price point. Cylindrical post with dome head. Available in 4 light pattern configurations including 360° (24W), 270°(18W), 180°(12W option) & 90°(12W standard).

Color: White

Weight: 11.4 lbs

<b>Project:</b>	<b>Type:</b>
<b>Prepared By:</b>	<b>Date:</b>

Driver Info		LED Info	
Type:	Constant Current	Watts:	24W
120V:	N/A	Color Temp:	3000K
208V:	N/A	Color Accuracy:	83 CRI
240V:	N/A	L70 Lifespan:	100000
277V:	N/A	Lumens:	2120
Input Watts:	22W	Efficacy:	98 LPW
Efficiency:	N/A		

## Technical Specifications

### Listings

#### UL Listing:

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

#### DLC Listed:

This product is on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities.  
DLC Product Code: PS70R9WY

#### 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.

### Electrical

#### Dimming Driver:

Driver includes dimming control wiring for 0-10V dimming systems. Requires separate 0-10V DC dimming circuit. Dims as low as 10%.

#### Driver:

Constant Current, Class 2, 480V, 50/60 Hz, 4kV Surge Protection, 720mA, 480V: 0.05A

#### THD:

9.7% at 480V

#### Power Factor:

83.7% at 480V

#### Dimming Driver:

Driver includes dimming control wiring for 0-10V dimming systems. Requires separate 0-10V DC dimming circuit. Dims as low as 10%.

### LED Characteristics

#### LEDs:

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

#### Lifespan:

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

#### 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 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 C78.377-2017

### Optical

#### BUG Rating:

B2 U3 G2

### Construction

#### Cold Weather Starting:

Minimum starting temperature is -40°C (-40°F)

#### Thermal Management:

Cast aluminum Thermal Management system for optimal heat sinking. The BDLED 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 gaskets seal out moisture

#### Anchor Bolt:

Anchor Bolt Dimension is available .

#### 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. Polyester powder coat finish formulated without the use of VOC or toxic heavy metals.

### Other

#### California Title:

BDLEDR24 can be used to comply with 2016 Title 24 Part 6 when used with a remote mounted photosensor control. Select PCS900 (120V) or PCS1900/277 (277V) to order a photosensor accessory.

#### Patents:

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

## Technical Specifications (continued)

### Other

#### Replacement:

Replaces up to 50W Metal Halide.

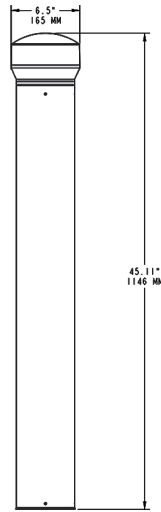
### Warranty:

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.

### 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

- Patented base mount design for super sturdy installation
- Durable construction and frosted vandal-resistant polycarbonate lens
- Precision-engineered optics deliver maximum downward lighting without glare
- Four leveling screws provided for easy installation
- 100,000-hour LED lifespan

## Ordering Matrix

Family	Wattage	Color Temp	Finish	Distribution	Voltage	Dimming	Backup
BDLEDR	24	Y	W		/480	/D10	
	24 = 24W 360° Pattern	Blank = 5000K (Cool)	Blank = Bronze	Blank = Standard	Blank = No Option (120-277V)	Blank = None (Standard)	Blank = No Battery Backup
	18 = 18W 270° Pattern	N = 4000K (Neutral)	W = White	180 = 180 degrees (12W only)	/480 = 480V (24W only)	/D10 = 0-10V Dimming	/E = Battery Backup (24W only)
	12 = 12W	Y = 3000K (Warm)					/EC = Battery Backup Cold Weather (24W only)