



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

Color: Black

Weight: 18.6 lbs

**Project:**

**Type:**

**Prepared By:**

**Date:**

### Driver Info

Type	Constant Current
120V	0.24A
208V	0.18A
240V	0.15A
277V	0.12A
Input Watts	17.40W
Efficiency	N/A

### LED Info

Watts	18.00W
Color Temp	4000K (Neutral)
Color Accuracy	72 CRI
L70 Lifespan	100,000
Lumens	1,888
Efficacy	108.5 LPW

## Technical Specifications

### Listings

#### UL Listed:

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

#### IESNA LM-79 & IESNA 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.

#### 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: PQ2N7HYH

### 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:

B1 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 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 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.

## Technical Specifications (continued)

### Other

#### Patents:

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

#### 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. 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.

### Electrical

#### Driver:

Constant Current, Class 2, 100-277V, 50/60 Hz, 4kV Surge Protection, 700mA, 120V: 0.24A, 208V: 0.18A, 240V: 0.15A, 277V: 0.12A

#### Dimming Driver:

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

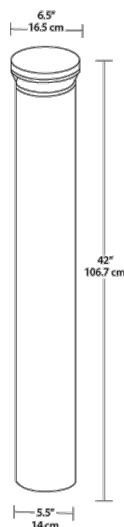
#### THD:

6.5% at 120V, 10.4% at 277V

#### Power Factor:

99.5% at 120V, 89.7% at 277V

## Dimensions



## Features

- Patented base mount design for super sturdy installation
- Durable construction and frosted vandal-resistant polycarbonate lens
- 4 configurations to provide 360°(24W), 270°(18W), 180°(12W) or 90°(12W) lighting pattern
- 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
BLEDR	18	N	K	-		/D10	
	12 = 12W 18 = 18W 24 = 24W	Blank = 5000K (Cool) N = 4000K (Neutral) Y = 3000K (Warm)	Blank = Bronze W = White K = Black	Blank = Standard <sup>1</sup> 180 = 180 degrees (12W only)	Blank = No Option (120-277V) /480 = 480V (24W only) <sup>2</sup>	Blank = None (Standard) /D10 = 0-10V Dimming	Blank = No Battery Backup /E = Battery Backup (24W only) <sup>3</sup> /EC = Battery Backup Cold Weather (24W only) <sup>3</sup>

<sup>1</sup> Standard Distributions: 24W = 360°, 18W = 270°, 12W = 90° \*

<sup>2</sup> 480VAC available for 24W fixture versions - offered with /D10 dimming option as standard

<sup>3</sup> Only for 24W, 120-277VAC fixture versions