



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: 10.2 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: 12W
 Efficiency: N/A

LED Info

Watts: 12W
 Color Temp: 5100K
 Color Accuracy: 74 CRI
 L70 Lifespan: 100000
 Lumens: 1310
 Efficacy: 109 LPW

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: PQSJZXS0

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:

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

Electrical

Driver:

Constant Current, Class2, 100-277V, 50/60 Hz, 4kV Surge Protection, 700mA, 120V: 0.13A, 208V: 0.09A, 240V: 0.08A, 277V: 0.07A

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:

12.9% at 120V, 22.5% at 277V

Power Factor:

98.3% at 120V, 88.1% at 277V

Optical

BUG Rating:

B1 U3 G1

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:

BDLEDR12 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.

Replacement:

Replaces up to 50W Metal Halide.

Technical Specifications (continued)

Other

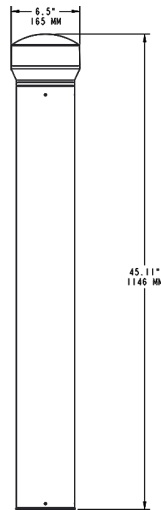
Warranty:

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 .

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 | 12 | | W | | | /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) |