BDLEDR24/E

RAB LIGHTING

Project:	Type:
Prepared By:	**Date:**

Driver Info

Type:	Constant Current
120V:	0.26A
208V:	0.18A
240V:	0.15A
277V:	0.14A
Input Watts:	23W
Efficiency:	N/A

LED Info

Watts:	24W
Color Temp:	5100K
Color Accuracy:	74 CRI
L70 Lifespan:	100000
Lumens:	2546
Efficacy:	110 LPW

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: Bronze   Weight: 11.4 lbs

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: PYWZDOIJ

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 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 C78.377-2017

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:

12.2% at 120V, 12.3% at 277V

Power Factor:

98.7% at 120V, 91.7% at 277V

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.

Backup Battery:

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

Replacement:

Replaces up to 50W Metal Halide.

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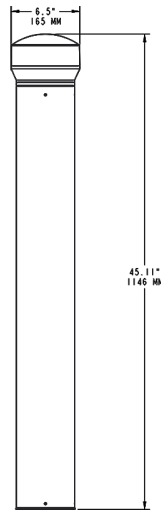## Technical Specifications (continued)

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

6.5"
165 MM

45.11"
1146 MM

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

Need help? Tech help line: **(888) RAB-1000** Email: **sales@rabweb.com** Website: **www.rabweb.com**

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