BLEDR12/D10

RAB LIGHTING

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

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

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: PNVZV2ND

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, 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

Dimming Driver:

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

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 BLED 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

Patents:

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

Replacement:

Replaces up to 50W Metal Halide.

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

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Technical Specifications (continued)
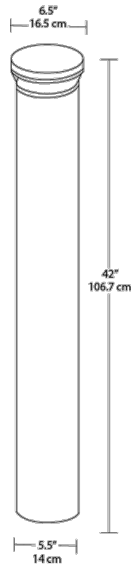
Other

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"
16.5 cm

42"
106.7 cm

5.5"
14 cm

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

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