



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: Black

Project:	Туре:
Prepared By:	Date:

Driver Info LED In		LED Info	0		
Type	Constant Current	Watts	24W		
120V	0.26A	Color Temp	4000K (Neutral)		
208V	0.18A	Color Accuracy	72 CRI		
240V	0.15A	L70 Lifespan	100,000 Hours		
277V	0.14A	Lumens	2,879 lm		
Input Watts	23W	Efficacy	125.2 lm/W		

Technical Specifications

Compliance

UL Listed:

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

IESNA LM-79 & 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.

LED Characteristics

LEDs:

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

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 color temperature over a 5-year period

Color Uniformity:

RAB's range of 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

Performance

Weight: 11.4 lbs

Lifespan:

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

Wattage Equivalency:

Equivalent to 70W Metal Halide

Optical

BUG Rating:

B2 U3 G2

Construction

Cold Weather Starting:

The 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

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.

Installation

Mounting:

Four (4) anchor bolts provided for concrete pad mounting. Internal base support has leveling screws.

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.

BDLEDR24NK/E



Technical Specifications (continued)

Patents

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

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.

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:

4.77% at 120V, 4.71% at 277V

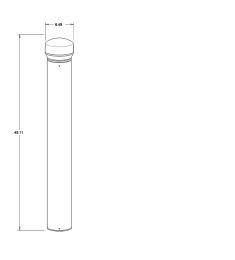
Power Factor:

99.44% at 120V, 93.2% at 277V

Battery Backup:

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

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



Family	Wattage	Color Temp	Finish	Distribution	Driver	Dimming	Backup
BDLEDR	24	N	K	-			/E
	18 = 18W 270° Pattern 24 = 24W 360° Pattern 12 = 12W	Blank = 5000K Cool N = 4000K Neutral Y = 3000K Warm	Blank = Bronze W = White K = Black	Blank = Standard ¹ 180 = 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) ³ /EC = Battery Backup Cold Weather (24W only) ³
		1	Standard Distribu	ations: 24W = 360°, 18W = 27	70°, 12W = 90° *		