



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: 10.2 lbs

Project:

Type:

Prepared By:

Date:

Driver Info		LED Info	
Type	Constant Current	Watts	12W
120V	0.13A	Color Temp	3000K (Warm)
208V	0.09A	Color Accuracy	75 CRI
240V	0.08A	L70 Lifespan	100,000 Hours
277V	0.07A	Lumens	1,304 lm
Input Watts	11.8W	Efficacy	110.5 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

Lifespan:
100,000-Hour LED lifespan based on IESlm-80 results and TM-21 calculations

Optical
BUG Rating:
B1 U3 G1

Construction
Cold Weather Starting:
The minimum starting temperature is -40°F (-40°C)

Thermal Management:
Cast aluminum Thermal Management system for optimal heat sinking. The BLEDD 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
Patents:
The design of BLEDD is protected by patents in US, Canada & China

Replacement:
Replaces up to 50W Metal Halide

Technical Specifications (continued)

5-Year, No-Compromise 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, 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 down to 10%.

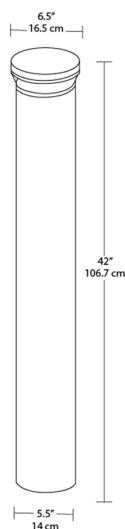
THD:

9.93% at 120V, 16.07% at 277V

Power Factor:

99.14% at 120V, 92.8% 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	Driver	Dimming	Backup
BLEDR	12	Y	K	–			/D10	
18 = 18W	Blank = 5000K	Blank = Bronze	Blank = Standard ¹	Blank = No Option	Blank = None	Blank = No Battery		
24 = 24W	Cool	W = White	180 = 180 degrees (12W	(120-277V)	(Standard)	Backup		
12 = 12W	N = 4000K Neutral	K = Black	only)	/480 = 480V (24W	/D10 = 0-10V Dimming	(24W only) ³		
	Y = 3000K Warm			only)		/EC = Battery Backup		
						Cold Weather (24W only)		

¹ Standard Distributions: 24W = 360°, 18W = 270°, 12W = 90° *
² 480VAC available for 24W fixture versions - offered with /D10 dimming option as standard
³ Only for 24W, 120-277VAC fixture versions