



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: Bronze Weight: 22.0 lbs

Project:	Type:
Prepared By:	Date:

Driver Info		LED Info	
Type	Constant Current	Watts	24W
120V	N/A	Color Temp	4000K (Neutral)
208V	N/A	Color Accuracy	72 CRI
240V	N/A	L70 Lifespan	100,000 Hours
277V	N/A	Lumens	2,861 lm
Input Watts	22.9W	Efficacy	124.9 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 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)

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 BLEED 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.

Technical Specifications (continued)

Electrical

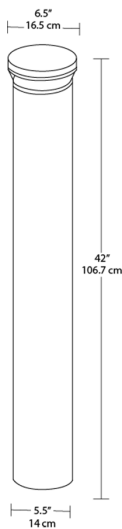
Driver:
Constant Current, Class 2, 100-277V, 50/60 Hz, 4kV
Surge Protection, 720mA, 120V: 0.26A, 208V: 0.18A,
240V: 0.15A, 277V: 0.14A

Dimming Driver:
Driver includes dimming control wiring for 0-10V
dimming systems. Requires separate 0-10V DC
dimming circuit. Dims down to 10%.

THD:
7.65% at 480V

Power Factor:
85.1% at 480V

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	24	N		—		/480	/D10	
	18 = 18W 24 = 24W 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 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