



LED bollard with architectural quality and strength at an affordable price point. Square post and head. Available in 12, 18 and 24 Watt versions that provide 90, 180, 270 and 360 degree lighting patterns.

Color: Bronze

Weight: 21.8 lbs

<b>Project:</b>	<b>Type:</b>
<b>Prepared By:</b>	<b>Date:</b>

Driver Info		LED Info	
Type:	Constant Current	Watts:	18W
120V:	0.24A	Color Temp:	3000K
208V:	0.18A	Color Accuracy:	83 CRI
240V:	0.15A	L70 Lifespan:	100000
277V:	0.12A	Lumens:	907
Input Watts:	22W	Efficacy:	41 LPW
Efficiency:	81%		

## Technical Specifications

### Listings

#### UL Listing:

Suitable for wet locations.

#### 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:

6W multi-chip, long-life LEDs

#### Lifespan:

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

#### Color Consistency:

3-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color.

#### Color Stability:

LED color temperature is warranted 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 C78.377-2015

### Electrical

#### Driver:

Constant Current, Class 2, 100-277V, 50/60 Hz, 6kV Surge Protection, 700mA, 100-277VAC 0.04 A.

#### THD:

15.6% at 120V

### Construction

#### Ambient Temperature:

Suitable for use in 104° F (40° C) ambient temperatures.

#### Cold Weather Starting:

Minimum starting temperature is -40° F (-40° C)

#### 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 bollard shaft

#### Lens:

Clear, vandal-resistant polycarbonate

#### Mounting:

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

#### Reflector:

Specular polycarbonate

#### Gaskets:

High-temperature silicone gaskets seal out moisture gaskets seal out moisture

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### Anchor Bolt:

Anchor Bolt Dimension is available .

### Finish:

Our environmentally friendly polyester powder coatings are formulated for high-durability and long-lasting color, and contain no VOC or toxic heavy metals.

### 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 24:

BLED18 complies with 2013 California Title 24 building and electrical codes as a commercial outdoor non-pole-mounted fixture < 30 Watts when used with a photosensor control. Select catalog number PCS900(120V) or PCS900/277 to order a photosensor.

### Patents:

The design of BLED is protected by patents pending in US, Canada, China, Taiwan and Mexico.

### 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.

### Country of Origin:

Designed by RAB in New Jersey and assembled in the USA by RAB's IBEW Local 3 workers.

### Buy American Act Compliant:

This product is a COTS item manufactured in the United States, and is compliant with the Buy American Act.

## Technical Specifications (continued)

### Other

#### Recovery Act (ARRA) Compliant:

This product complies with the 52.225-21 "Required Use of American Iron, Steel, and Manufactured Goods-- Buy American Act-- Construction Materials (October 2010).

### GSA Schedule:

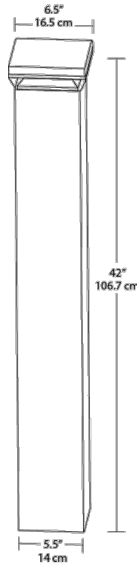
Suitable in accordance with FAR Subpart 25.4.

### Optical

#### BUG Rating:

B1 U1 G1

## Dimensions



## 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	Watts	Color Temp	Finish	Type
BLED	12 = 12W 18 = 18W 24 = 24W	Blank = 5000K (Cool) Y = 3000K (Warm) N = 4000K (Neutral)	Blank = Bronze W = White	Blank = 90° (12W), 270° (18W), 360° (24W) lighting patterns 180 = 180° lighting pattern (12W)