



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

**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: 99%

### LED Info

Watts: 12W  
 Color Temp: 4000K  
 Color Accuracy: 72 CRI  
 L70 Lifespan: 100000  
 Lumens: 1306  
 Efficacy: 108 LPW

## 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: PDUUJS2C

#### 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 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 C78.377-2017

### 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

#### THD:

12.4% at 120V, 22.6% at 277V

#### Power Factor:

97.6% at 120V, 89.5% at 277V

#### Optical

#### BUG Rating:

B1 U2 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.

#### 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.

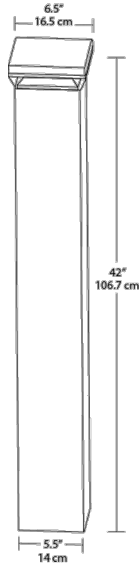
#### Buy American Act Compliance:

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.

# BLED12N-180



## 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	Wattage	Color Temp	Finish	Distribution	Voltage	Dimming	Options
BLED	12	N		180			
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	