BLED12

<table>
<tr><td>Project:</td><td>Type:</td></tr>
<tr><td>Prepared By:</td><td>Date:</td></tr>
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Driver Info

Type:	Constant Current
120V:	0.13A
208V:	0.09A
240V:	0.08A
277V:	0.07A
Input Watts:	16W
Efficiency:	76%

LED Info

Watts:	12W
Color Temp:	5100K
Color Accuracy:	69 CRI
L70 Lifespan:	100000
Lumens:	773
Efficacy:	49 LPW

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

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:

7-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 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 C78.377-2011

Electrical

Driver:

Constant Current, Class2, 100-277V, 50/60 Hz, 4kV Surge Protection, 100-240VAC 0.3-0.15 A, 277VAC 0.3 A.

THD:

10.6% at 120V

Construction

Ambient Temperature:

Suitable for use in 40°C (104°F) 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:

BLED12 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.
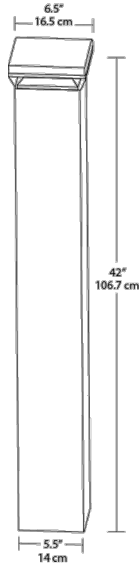
Optical

BUG Rating:

B1 U1 G1

BLED12

Dimensions

6.5"
16.5 cm

42"
106.7 cm

5.5"
14 cm

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	**Blank** = 5000K (Cool)	**Blank** = Bronze	**Blank** = 90° (12W), 270° (18W) , 360° (24W) lighting patterns
	18 = 18W	**Y** = 3000K (Warm)	**W** = White	**180** = 180° lighting pattern (12W)
	24 = 24W	**N** = 4000K (Neutral)		