BLED18

RAB Outdoor



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: 18.6 lbs

Project:	Type:
Prepared By:	**Date:**

Driver Info

Type	Constant Current
120V	0.24A
208V	0.18A
240V	0.15A
277V	0.12A
Input Watts	17.30W
Efficiency	N/A

LED Info

Watts	18.00W
Color Temp	5100K (Cool)
Color Accuracy	74 CRI
L70 Lifespan	100,000
Lumens	1,884
Efficacy	108.9 LPW

Technical Specifications

Listings

UL Listing:

Suitable for wet locations. Suitable for mounting within 4 ft. (1.2m) of the ground.

IESNA LM-79 & IESNA 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.

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: PVGR04EM

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 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 C78.377-2017

Optical

BUG Rating:

B1 U3 G2

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 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.

Copyright © 2019 RAB Lighting All Rights Reserved Note: Specifications are subject to change at any time without notice

Technical Specifications (continued)

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. RAB's warranty is subject to all terms and conditions found at rablighting.com/warranty.

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.

Electrical

Driver:

Constant Current, Class 2, 100-277V, 50/60 Hz, 4kV Surge Protection, 700mA, 120V: 0.24A, 208V: 0.18A, 240V: 0.15A, 277V: 0.12A

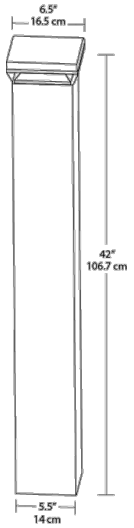
THD:

6.4% at 120V, 10.6% at 277V

Power Factor:

99.5% at 120V, 89.9% 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	Voltage	Dimming	Backup
BLED	18			–				
	12 = 12W **18 =** 18W **24 =** 24W	**Blank =** 5000K (Cool) **N =** 4000K (Neutral) **Y =** 3000K (Warm)	**Blank =** Bronze **W =** White **K =** Black		**Blank =** Standard **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) **/EC =** Battery Backup Cold Weather (24W only)

Copyright © 2019 RAB Lighting All Rights Reserved Note: Specifications are subject to change at any time without notice