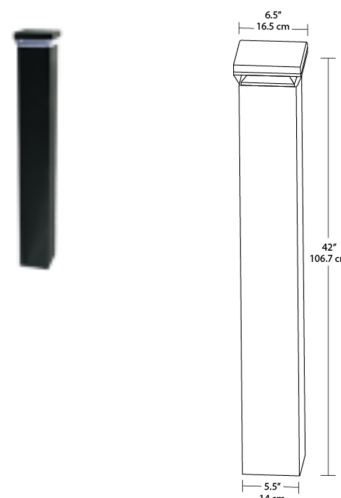# BLED24

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

LED Info

Watts:	24W
Color Temp:	5100K (Cool)
Color Accuracy:	69
L70 Lifespan:	100000
LM79 Lumens:	1430
Efficacy:	45 LPW

Driver Info

Type:	Constant Current
120V:	0.26A
208V:	0.18A
240V:	0.15A
277V:	0.14A
Input Watts:	32W
Efficiency:	76%

Technical Specifications

UL Listing:
Suitable for wet locations.

LEDs:
6W multi-chip, long-life LEDs

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

Driver:
Two Drivers, Constant Current, Class 2, 100-277V, 50/60 Hz, 4kV Surge Protection, 100-240VAC 0.3 - 0.15 A, 277VAC 0.03 A.

THD:
11.1% at 120V

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

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

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, and RoHS compliant. Polyester powder coat finish formulated without the use of VOC or toxic heavy metals.

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.

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.