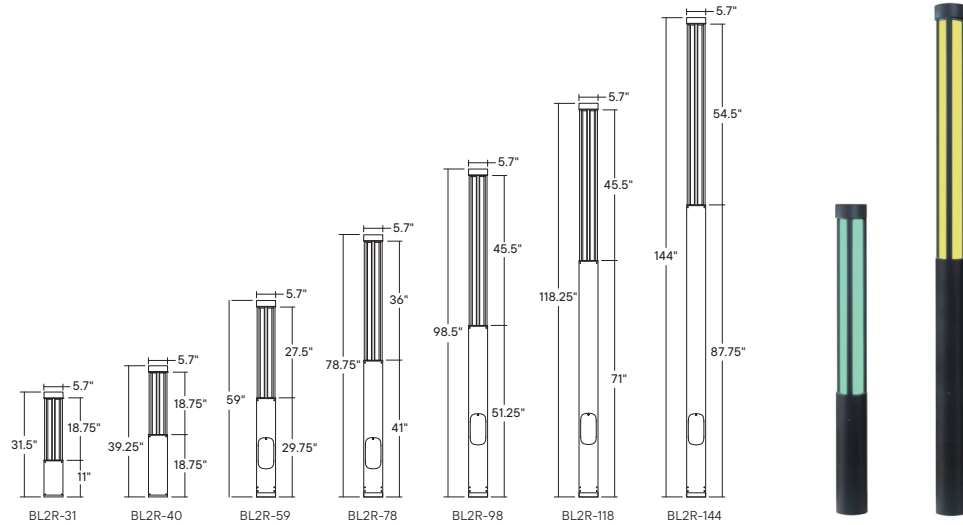


BL2R-RGBW: LUMENPOLE ROUND BOLLARD & COLUMN

6" FROSTED LENS RGBW - 31", 40", 59", 78", 98", 118" AND 144" HEIGHT
650LM-1700LM (20W-53W)



- Up to 53W, 1700lm delivered
- U.S. Assembled
- Tamper Resistant Hardware
- IK08 Impact Rating
- Wireless Bluetooth and DMX 512 Options
- Optional Photocell Sensor
- Quick Ship Options Available

ORDERING : BL2R-RGBW-118B-RGBW-DMX

BL2R-RGBW³

Fixture	Height	Finish	Optic	Control	Options
Height		Finish	Optic	Control³	
31" Bollard, 650lm (20W)	-31¹	Black	B Symmetric Wide (120°)	-SYM-W Wireless Bluetooth	-BT¹
40" Bollard, 800lm (30W)	-40	White		DMX 512 Remote Mounted Decoder	-RGBW-DMX
59" Light Column, 1000lm (33W)	-59	Silver		UniSense - Integral Motion/Photosensor (120V)	-SUN-INT
78" Light Column, 1300lm (40W)	-78	Bronze		UniSense - Integral Motion/Photosensor (120V/277V)	-SUN-INT-1227
98" Light Column, 1500lm (50W)	-98			Casambi Wireless Dimming (120V/277V)	-DCSM¹
118" Light Column, 1700lm (53W)	-118¹			BubblyNet Wireless System (120V/277V)	-DBNT¹
144" Light Column, 1700lm (53W)	-144¹			SimplySnap Wireless System (120V/277V)	-DSYN⁵
Options					
				None	Blank
				Cold Weather	-CW⁴
				Marine Grade Finish	-MGD¹

¹ Special order. Minimum order quantity, extended lead time, and setup fee may apply. Consult factory.

² Special Order Finish. Minimum order quantity (MOQ) applies. Orders less than MOQ are subject to a special paint set-up fee for the quantity ordered. Extended lead times may apply. Consult Factory.

³ Remote Power Supplies and Control Gear required. Available with Wireless Bluetooth Casambi or DMX 512 control. Consult Factory for Details.

⁴ Starting Temperature -30°C/-22°F.

⁵ Special Order. Sent with surface mount JBOX to allow for direct-conduit entry.

Custom RAL Color: Please note that we appreciate custom finishes. Custom finishes are subject to a special paint setup fee for the quantity ordered. Extended lead times may apply. Consult Factory.

Consult factory for possible additional options including: USB, AC outlet, speaker hubs, wireless, node mounting, PC/Motion sensor, 7-pin photocell receptacle (C136.41 compliant) only w/shorting cap, accepts standard twist-lock photocell or PC/Control Node for wireless dimming control.



BL2R-RGBW: LUMENPOLE ROUND BOLLARD & COLUMN

6" FROSTED LENS RGBW - 31", 40", 59", 78", 98", 118" AND 144" HEIGHT
650LM-1700LM (20W-53W)

SPECIFICATION

Application

6" diameter LumenPole Light Columns and Bollards are designed for architectural relevance to intimate indoor and outdoor environments where pedestrian level illumination is required. The COB LED with reflector provides illumination downward on the ground to light walkways, public gathering spaces, gardens, along waterfronts and marinas and other public and private areas. Typical applications include residential, commercial, and retail.

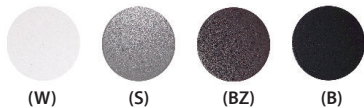
Housing, Arms, Enclosure Lens

Housing and vertical support arms are constructed from curvilinear and trapezoid shaped high-grade robust aluminum extrusion. A white opal acrylic lens encloses the openings between the vertical support arms. End caps are die-cast aluminum and seal the housing (top and bottom) using silicone O-rings. An oval hand hole in the base provides access to electrical and mounting components. Hand hole cover is flush mount to the luminaire body. A fabricated aluminum mounting plate installs onto supplied stainless steel anchor bolts and secures to the housing at the base with countersunk, Phillips head, stainless steel screws.

Mounting

The 5.7" round mounting plate with U-bracket installs supplied stainless steel anchor bolts (or other hardware) on a solid substrate. For specific mounting options see installation instructions.

Finish



A 7-stage electrostatic, polymer process provides an outdoor powder coat finish that delivers outstanding durability, superior anti-aging, resistance to corrosion and UV-degradation.

Standard Finishes:

- White: RAL 9003 (B)
- Silver: RAL 7037 (S)
- Bronze: RAL 8019 (BZ)
- Black: RAL 9005 (B)

Consult factory for Custom Color.

Paint does not contain any copper compounds or elements.

Certifications and Listings



ETL / cETL Listed to UL1598 and UL8750 standards.

Suitable wet locations. (IP66)

Assembled in USA.

IK08 rated - Protected against 5 joules impact. Equivalent to impact of 1.7 kg mass dropped from 300 mm above impacted surface.



BL2R-RGBW: LUMENPOLE ROUND BOLLARD & COLUMN

6" FROSTED LENS RGBW - 31", 40", 59", 78", 98", 118" AND 144" HEIGHT
650LM-1700LM (20W-53W)

SPECIFICATION (Continued)

Caution

LITON recommends use of surge protectors on incoming power. Locate them in the most convenient servicing location. Surge damage is not covered by warranty.

Warranty

Covered by a 5-Year Warranty to be free of defects in materials and craftsmanship. Fixture should not be installed in applications with ambient temperature above 60°C. Doing so will result in reduced lamp life and voided warranty.

Optics

White Opal Acrylic enclosure lens produces a smooth Symmetric Wide (-SYM-W) distribution.

LED

LED arrays mount to vertical triangular core to radially illuminate the white opal lens. Triangular core design produces a full 360° illumination. Standard LED arrays come in 80 CRI. Consult Factory for any custom setups (colors or CRI).

Lumen Maintenance

Minimum 50,000 hours L70 life based on ANSI TM-21 calculations from LM80 standardized test results.

Lumen Options (Delivered)

650lm (20W), 800lm (30W), 1000lm (33W), 1300lm (40W), 1500lm (50W), 1700lm (53W)

Electrical

LED Driver: AC 50/60Hz Electronic Direct Current Class 2 driver integrally mounted. Incoming power connects to Terminal Blocks. Power Factor > 0.90.

Minimum Operating Temperature:

Standard: -10°C/14°F

Cold Weather Option: (-CW) -30°C/-22°F

BL2R-RGBW: LUMENPOLE ROUND BOLLARD & COLUMN

6" FROSTED LENS RGBW - 31", 40", 59", 78", 98", 118" AND 144" HEIGHT
650LM-1700LM (20W-53W)

SPECIFICATION (Continued)

Marine Grade

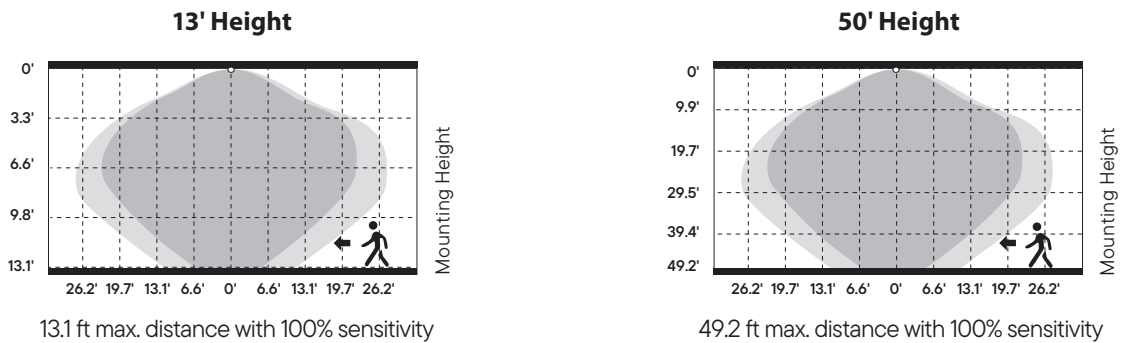
The fixture features a marine-grade textured powder coat finish engineered to withstand extreme environmental conditions, including prolonged exposure to UV radiation, salt air, and moisture, which are prevalent in coastal and high-humidity environments.

A multi-stage surface preparation, finishing, and curing process ensures maximum adhesion, durability, and corrosion resistance. The coating system undergoes rigorous salt spray (ASTM B117) testing, overbake resistance verification, and pencil hardness testing to validate its robustness against degradation.

The marine-grade powder coat is applied as a 30–50 µm bottom layer, providing a strong anti-corrosion foundation. This is further enhanced by a surface coat using a standard architectural-grade powder application with a total thickness of 80–120 µm, ensuring superior resistance to wear, impact, and environmental stressors.

Unisense™ PROGRAMMABLE MOTION + DAYLIGHT (-SUN-INT, -SUN-INT-1227)

- Microwave and PIR (Passive Infrared) sensors depending on option
- Daylight harvesting
- Dusk/dawn sensing capabilities
- Motion Sensor



Well Detected Area Possibly Detected Area 1.6-3.3 ft/s

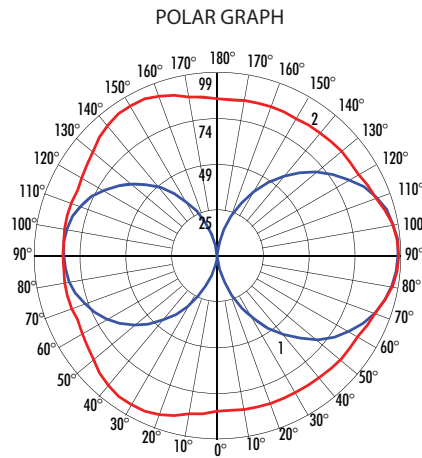
BL2R-RGBW: LUMENPOLE ROUND BOLLARD & COLUMN

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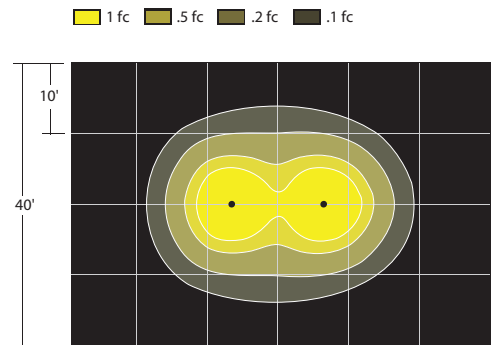
PHOTOMETRY

BL2R-RGBW-40B-SYM-W (40" Height, 831 lm*, 18W, Symmetric Wide, RGBW)

System Power: 17.3W
Test Date: 10/2023
Beam Angle 50%: 180.0°
Field Angle 10%: 180.0°
Lumens Delivered: 831
CBCP: 98.1
Power Factor: 0.9



FOOTCANDLES ON GROUND
2 Fixture Overlap, 13 Ft. Spacing
2.05 Ft. Optical. Ht., 831 lm

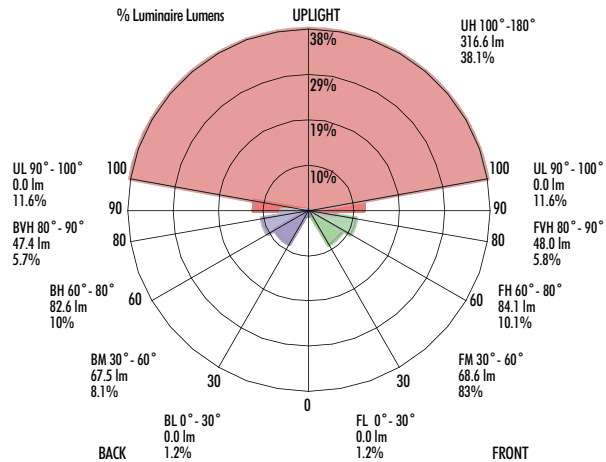


Maximum Candela = 98.58 Located At Horizontal Angle = 0, Vertical Angle = 95
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (95) (Through Max. Cd.)

LCS TABLE

BUG RATING	B0-U3-G1	
FRONT	Lumens	Lumens %
Low (0-30°)	0.0	1.2%
Medium (30°-60°)	68.6	8.3%
High (60°-80°)	84.1	10.1%
Very High (80°-90°)	48.0	5.8%
BACK		
Low (0-30°)	0.0	1.2%
Medium (30°-60°)	67.5	8.1%
High (60°-80°)	82.6	10.0%
Very High (80°-90°)	47.4	5.7%
UPLIGHT		
Low (90°-100°)	0.0	11.6%
High (100°-180°)	316.6	38.1%

LCS GRAPH



*Lumens delivered