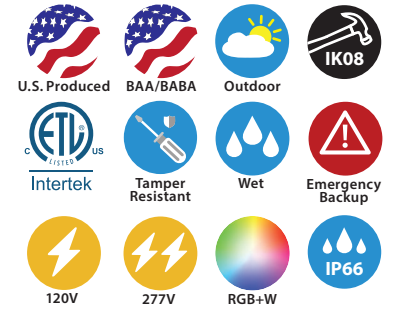
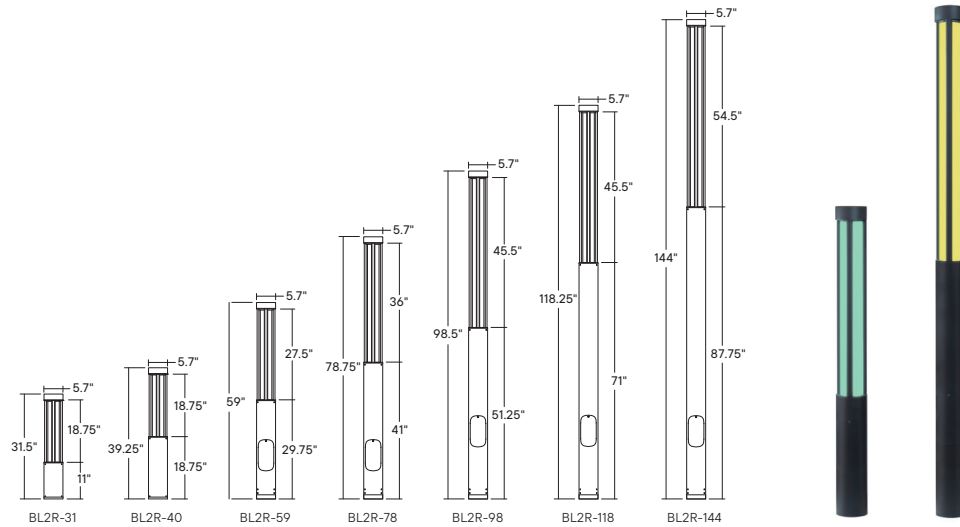


BL2R-RGBW-USA: LUMENPOLE ROUND BOLLARD & COLUMN

6" FROSTED LENS RGBW - 31", 40", 59", 78", 98", 118" AND 144" HEIGHT
 800LM-2000LM (20W-53W)



- **Produced in USA**
- Tamper Resistant Hardware
- IK08 Impact Rating
- 10W Emergency Battery Option
- Wireless Bluetooth and DMX 512 Options

ORDERING : BL2R-RGBW-USA-118B-SYM-WUE-D10-EM-RGBW-DMX

BL2R-RGBW-USA³

Fixture	Height	Finish	Optic	Control	Emergency Options	Options	
Height		Finish		Control		Options	
31" Bollard, 800lm (20W)	-31¹	Black		Non-Dimming (120V)	Blank	None	Blank
40" Bollard, 800lm (30W)	-40	White		0-10V Dimming (120V/277V)	UE-D10	Wireless Bluetooth	-BT^{1,3}
59" Light Column, 1000lm (33W)	-59	Silver				DMX 512 Remote Mounted Decoder	-RGBW-DMX³
78" Light Column, 1300lm (40W)	-78	Bronze				Marine Grade Finish	-MGD¹
98" Light Column, 1500lm (50W)	-98						
118" Light Column, 1700lm (53W)	-118¹						
144" Light Column, 2000lm (53W)	-144¹						
		Optic		Emergency Options			
		Symmetric	-SYM-W	None	Blank		
		Wide (120°)		10W Emergency Battery	-EM		

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.

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-USA: LUMENPOLE ROUND BOLLARD & COLUMN

6" FROSTED LENS RGBW - 31", 40", 59", 78", 98", 118" AND 144" HEIGHT
800LM-2000LM (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.

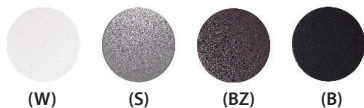
Housing, Arms, Enclosure Lens

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. Free of burrs and sharp corners and edges.

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 (W)
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)

Produced in USA.

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

Meets NFPA 70/NEC Code on Listings



BL2R-RGBW-USA: LUMENPOLE ROUND BOLLARD & COLUMN

6" FROSTED LENS RGBW - 31", 40", 59", 78", 98", 118" AND 144" HEIGHT
800LM-2000LM (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)

800lm (20W), 800lm (30W), 1000lm (33W), 1300lm (40W), 1500lm (50W), 2000lm (53W)

Electrical

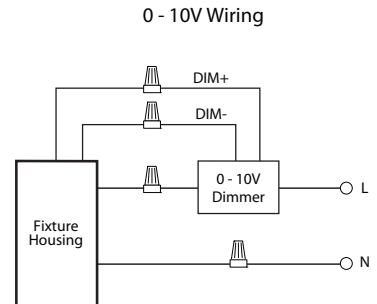
LED Driver: AC 50/60Hz Electronic Direct Current Class 2 driver integrally mounted. Incoming power connects to Terminal Blocks. Power Factor shall be >90% at full load with THD <20% at full load. Electrical Output shall be isolated.

Minimum Operating Temperature:
Standard: -10°C/14°F

Dimming Options

0-10V Driver 120V/277V (UE-D10):

Compatible with most existing 0-10V systems. Also known as fluorescent or 5-Wire dimming. Allows smooth dimming down to 5% depending upon the dimmer's limitations. Compatible with daylight harvesting controls.



BL2R-RGBW-USA: LUMENPOLE ROUND BOLLARD & COLUMN

6" FROSTED LENS RGBW - 31", 40", 59", 78", 98", 118" AND 144" HEIGHT
800LM-2000LM (20W-53W)

SPECIFICATION (Continued)

EMERGENCY BATTERY (-EM): 10W

- Must be installed in Dry Locations
- 10W constant output to LED lamp

Not rated for outdoor mounting. Damp location rated.

-EM Lumen Data (Battery)

Fixture/Trim	BL2R-RGBW-USA-31
Fixture Wattage:	20W
Fixture Lumens:	800
Multiplier:	0.50
EM Lumens:	400

Fixture/Trim	BL2R-RGBW-USA-40
Fixture Wattage:	30W
Fixture Lumens:	800
Multiplier:	0.33
EM Lumens:	264

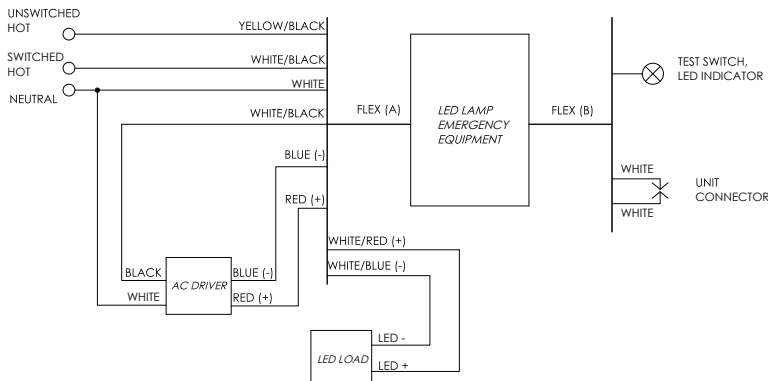
Fixture/Trim	BL2R-RGBW-USA-59
Fixture Wattage:	33W
Fixture Lumens:	1000
Multiplier:	0.30
EM Lumens:	300

Fixture/Trim	BL2R-RGBW-USA-78
Fixture Wattage:	40W
Fixture Lumens:	1300
Multiplier:	0.25
EM Lumens:	325

Fixture/Trim	BL2R-RGBW-USA-98
Fixture Wattage:	50W
Fixture Lumens:	1500
Multiplier:	0.20
EM Lumens:	300

Fixture/Trim	BL2R-RGBW-USA-118
Fixture Wattage:	53W
Fixture Lumens:	1700
Multiplier:	0.19
EM Lumens:	323

Fixture/Trim	BL2R-RGBW-USA-114
Fixture Wattage:	53W
Fixture Lumens:	2000
Multiplier:	0.19
EM Lumens:	380



Input Voltage:	120-277VAC/60Hz
Output Voltage:	10W
Wattage:	10W
Switching Time:	<1s
Charging Time:	24h
Operating Time:	90 minutes
Minimum Temperature:	0°C
Maximum Temperature:	50°C
Self-Diagnostic:	No

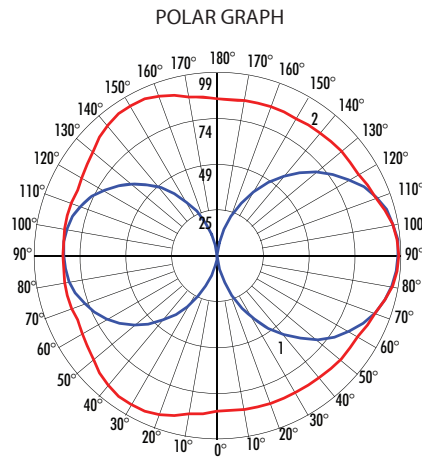
BL2R-RGBW-USA: LUMENPOLE ROUND BOLLARD & COLUMN

6" FROSTED LENS RGBW - 31", 40", 59", 78", 98", 118" AND 144" HEIGHT
800LM-2000LM (20W-53W)

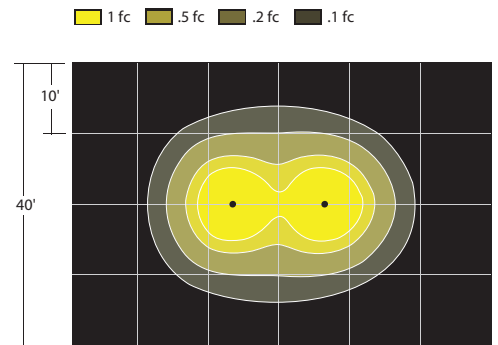
PHOTOMETRY

BL2R-RGBW-USA-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

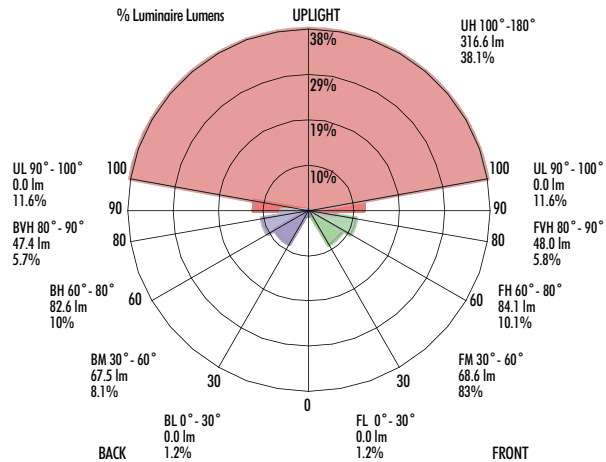


Maximum Candela = 98.58 Located At Horizontal Angle = 0, Vertical Angle = 95
 # 1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
 # 2 - Horizontal Cone Through Vertical Angle (95) (Through Max. Cd.)

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