

BL2R-RGBW: LUMENPOLE ROUND BOLLARD & COLUMN

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

Optical Height:

BL2R-31: 19"

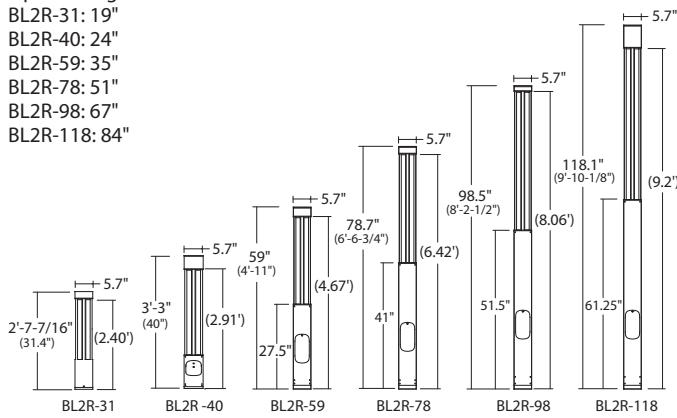
BL2R-40: 24"

BL2R-59: 35"

BL2R-78: 51"

BL2R-98: 67"

BL2R-118: 84"



- 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-RGBW

Fixture Height Finish Optic Control

Height

31" Bollard, 650lm (20W)	-31
40" Bollard, 800lm (30W)	-40
59" Light Column, 1000lm (33W)	-59
78" Light Column, 1300lm (40W)	-78
98" Light Column, 1500lm (50W)	-98
118" Light Column, 1700lm (53W)	-118¹

Finish

Black	B
White	W¹
Silver	S¹
Basic Bronze	BZ¹

Optic

Symmetric	-SYM-W
Wide (120°)	

Control

Wireless Bluetooth	-BT
DMX 512 Remote Mounted Decoder	-RGBW-DMX

¹Special order. Minimum order quantity, extended lead time, and setup fee 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.

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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

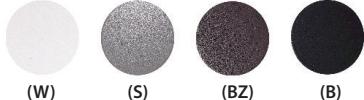
Housing and vertical support arms are constructed from curvilinear and trapezoid shaped high-grade robust aluminum extrusion. A white opal acrylic lens encloses the openings between the vertical support arms. End caps are die-cast aluminum and seal the housing (top and bottom) using silicone O-rings. 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 9005 (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.

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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

The diffusing enclosure lens produces a Symmetric Wide (-SYM-W) distribution.

LED

LED arrays are mounted on the inside of the vertical support arms providing an even level of illumination from the optical compartment. LEDs are binned with 4-step MacAdam ellipses as per ANSI Standard recommendation.

Lumen Maintenance

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

RGBW



20W-53W RGBW LED Module Illuminates surfaces up to 10 feet away. Used for applications desiring a dynamic color changing effect. RGBW design allows fine-tuned pastel colors and saturated hues without sacrificing illumination brightness. Can be set for static colors or dynamic shows. Multiple control options available with either Wireless Bluetooth control or DMX 512 remote mounted decoders.

On-site commissioning and programing available.
Consult Factory for Layout Assistance and Lead Times.

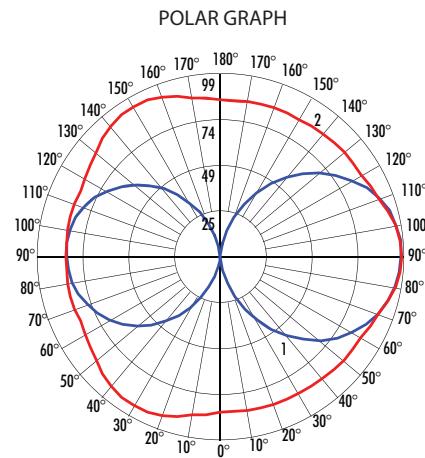
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PHOTOMETRY

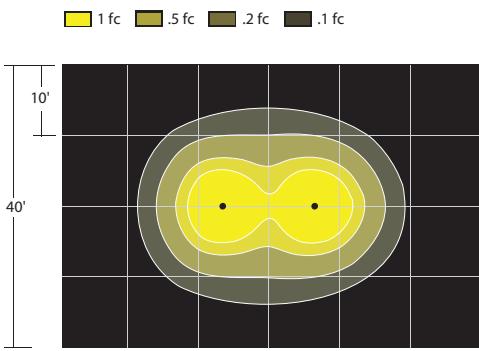
BL2R-RGBW-40B-SYM-W (40" Height, 831 lm*, 18W, Symmetric Wide, RGBW)

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



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.)

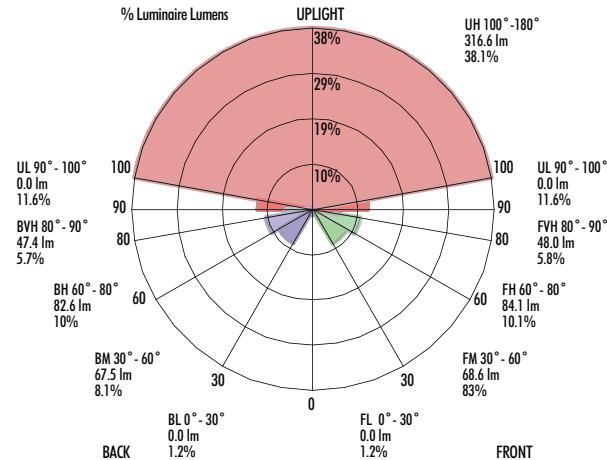
FOOTCANDLES ON GROUND
 2 Fixture Overlap, 13 Ft. Spacing
 2.05 Ft. Optical Ht., 831 lm



LCS TABLE

FRONT		B0-U3-G1	
	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