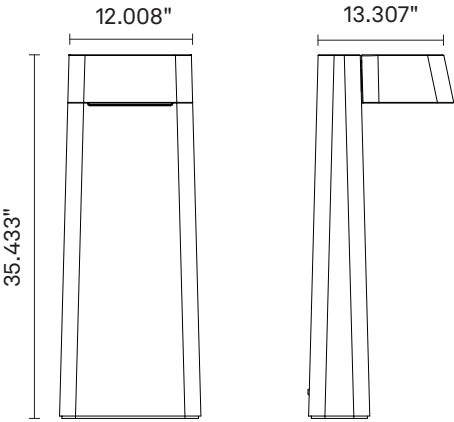


Brenta Bollard | Luminaire | Brenta XL



Ordering Information / Guide

Example: **BR2960001-U-D09-830-L013-SP-V0-F02-MU-CG0**

Optics	Ra+K	Luminous flux	Lens	Voltage	Driver Function	ISO Class	Finish
D09 T4	830 Ra80 3000 K	L013 1300 lm	SP Prismatic	V0 120V-277V	F02 1-10V+CLO	MU UL	CG0 Grey [RAL 9006] Matt
	840 Ra80 4000 K	L014 1400 lm					

Generated code: **BR2960001 - U** - _ _ _ _ _ - _ _ _ _ _ - _ _ _ _ _ - _ _ _ _ _ - _ _ _ _ _

CONFIGURATION NOTES
The product features shown in this datasheet cannot always be freely combined.
To verify the configurations actually available and define the corresponding product code, please use the configurator available on our website.

Brenta Bollard | Luminaire | Brenta XL

SOURCE

High-power LED matrix.	
Energy-efficiency class	D, E
LED forward current	450 mA
Power rating	26 W
Nominal Flux	1321-1416 lm
Nominal CCT (Color temperature)	3000 K, 4000 K
Color Rendering Index (Ra)	80
Standard Deviation Colour Matching	≤5
ANSI/IES TM-30	Rf = 84-85 Rg = 97-98
Rated lifetime	L80 = 100000 h (Ts = 85 °C, 700 mA)

LIGHTING CHARACTERISTICS

Modular 2x2 refractive lenses in PMMA.	
Optics	T4
Optical efficiency	LOR = 100% ULOR = 0%
LED quantity	18
Cutoff Angle	Semi Cutoff C = 35° γ = 56°
Luminous flux	1321-1416 lm
Luminous efficacy	51-54 lm/W
BUG	B=0, U=0, G=1
Photobiological safety	RG1 - Low risk

ELECTRICAL CHARACTERISTICS

Luminaire power	26 W
Voltage	120V-277V~ 50/60Hz
Power factor	≥0.99
Insulation class	UL
Control type - driver	1-10V+CLO
Safe Flicker	PstLM=<1 e SVM=<0,4 (IEC TR 61547-1 e IEC TR 63158)
Ambient temperature	-31 °F / +104 °F
Driver included	No
Surge protection	6kV CM - 6kV DM

MECHANICAL CHARACTERISTICS

Structure made of NeriConcrete, an HPC (High Performance Concrete) with flexural strength (13 MPa) and compressive strength (75 MPa) according to EN 1015-11 at 28 days.	
NeriConcrete is a flexible paste made by mixing cement powders and components, polymer fibers, colored pigments, and water, adaptable to any mold.	
Protective shield in prismatic flat tempered glass (IK08 – EN 62262) with stainless steel fastening elements.	
The surface treatment makes the material water-repellent and stain-resistant.	
Length	13.307 in
Width	12.008 in
Height	35.433 in
Weight	134.48 lb
EPA	3.34 ft²
Protection degree	IP55
Mechanical resistance	IK08
Finish	Grey [RAL 9006] Matt

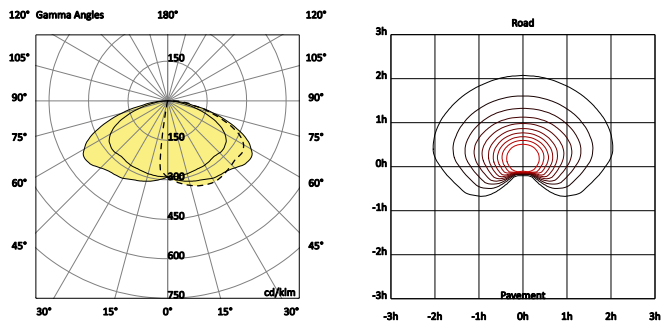
WARNINGS

Luminaire designed for disposal/recycling at end-of-life.
Replaceable (LED only) light source by a professional.
Replaceable control gear by a professional.
Protection of surfaces: please refer to the specification on painting procedures of the materials.

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Optic: T4

Lens: Prismatic



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Optic: T4

Lens: Prismatic

System					Source			BUG		
Luminous Flux	Nominal CCT	W	lm/W	n° led	mA	W	lm/W	Backlight	Uplight	Glare
1321 lm	3000 K	26	51	18	450	26	51	0	0	1
1416 lm	4000 K	26	54	18	450	26	54	0	0	1