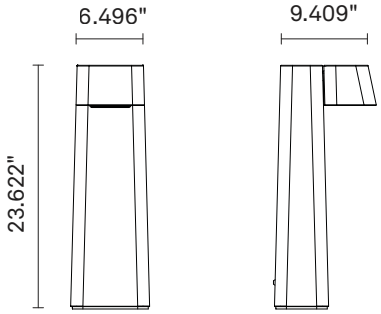
NERI

Project location:	Fixture type: Qty:
Project name:	Notes:

Brenta Bollard | Luminaire | Brenta M



Ordering Information / Guide

Example**: BR2960005-U-D20-830-L010-SP-V0-F02-MU-CG0**

Optics	Ra+K	Luminous flux	Lens	Voltage	Driver Function	ISO Class	Finish
D20 T2 short	**830** Ra80 3000 K **840** Ra80 4000 K	**L010** 1000 lm	**SP** Prismatic	**V0** 120V-277V	**F02** 1-10V+CLO	**MU** UL	**CG0** Grey [RAL 9006] Matt

Generated code: **BR2960005 - U** - _ _ _ - _ _ _ - _ _ _ _ - _ _ - _ _ - _ _ _ - _ _ - _ _ _

Property of Neri S.p.A. - Reproduction and use for unauthorized purposes is prohibited.
Neri reserves the right to make changes to its products and documentation without prior notice.

Brenta Bollard | Luminaire | Brenta M

SOURCE

High-power LED matrix.

Energy-efficiency class	E
LED forward current	450 mA
Power rating	13 W
Nominal Flux	966-1036 lm
Nominal CCT (Color temperature)	3000 K, 4000 K
Color Rendering Index (Ra)	80
Standard Deviation Colour Matching	≤3
Rated lifetime	L90 = 100000 h (Ts = 85 °C, 700 mA)

LIGHTING CHARACTERISTICS

Modular 2x2 refractive lenses in PMMA.

Optics	T2 short
Optical efficiency	LOR = 100% ULOR = 0%
LED quantity	2
Cutoff Angle	Semi Cutoff C = 45° γ = 32°
Luminous flux	966-1036 lm
Luminous efficacy	74-80 lm/W
BUG	B=0, U=0, G=1
Photobiological safety	RG1 - Low risk

ELECTRICAL CHARACTERISTICS

Luminaire power	13 W
Voltage	120V-277V~ 50/60Hz
Power factor	≥0.99
Insulation class	UL
Control type - driver	1-10V+CLO
Ambient temperature	-31 °F / +122 °F
Driver included	No
Surge protection	2kV CM - 2kV 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	9.409 in
Width	6.496 in
Height	23.622 in
Weight	41.89 lb
EPA	0.97 ft²
Protection degree	IP43
Mechanical resistance	IK08
Finish	Grey [RAL 9006] Matt

WARNINGS

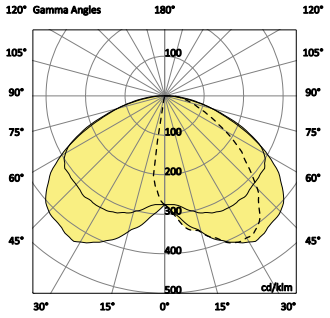
Luminaire designed for disposal/recycling at end-of-life.
Replaceable (LED only) light source by a professional.
Replaceable control gear by a professional.
Protection of surfaces: please refer to the specification on painting procedures of the materials.

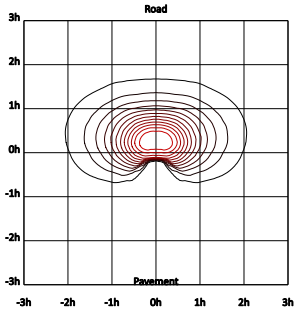
Property of Neri S.p.A. - Reproduction and use for unauthorized purposes is prohibited.
Neri reserves the right to make changes to its products and documentation without prior notice.

Brenta Bollard | Luminaire | Brenta M

Optic: T2 short

Lens: Prismatic





Property of Neri S.p.A. - Reproduction and use for unauthorized purposes is prohibited.
Neri reserves the right to make changes to its products and documentation without prior notice.

Brenta Bollard | Luminaire | Brenta M

Optic: T2 short

Lens: Prismatic

System					Source			BUG		
Luminous Flux	**Nominal CCT**	**W**	**lm/W**	**n° led**	**mA**	**W**	**lm/W**	**Backlight**	**Uplight**	**Glare**
966 lm	3000 K	13	74	2	450	13	74	0	0	1
1036 lm	4000 K	13	80	2	450	13	80	0	0	1

Property of Neri S.p.A. - Reproduction and use for unauthorized purposes is prohibited.
Neri reserves the right to make changes to its products and documentation without prior notice.