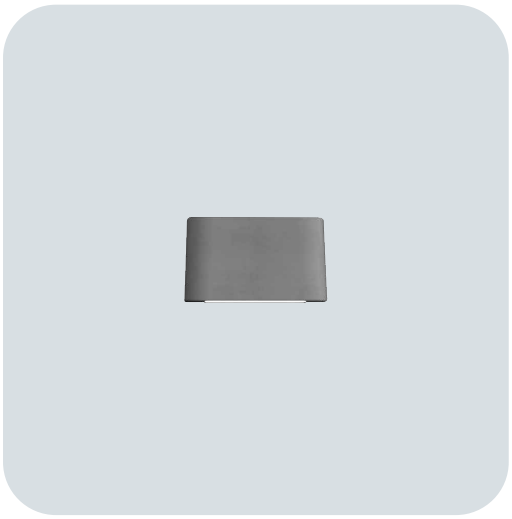
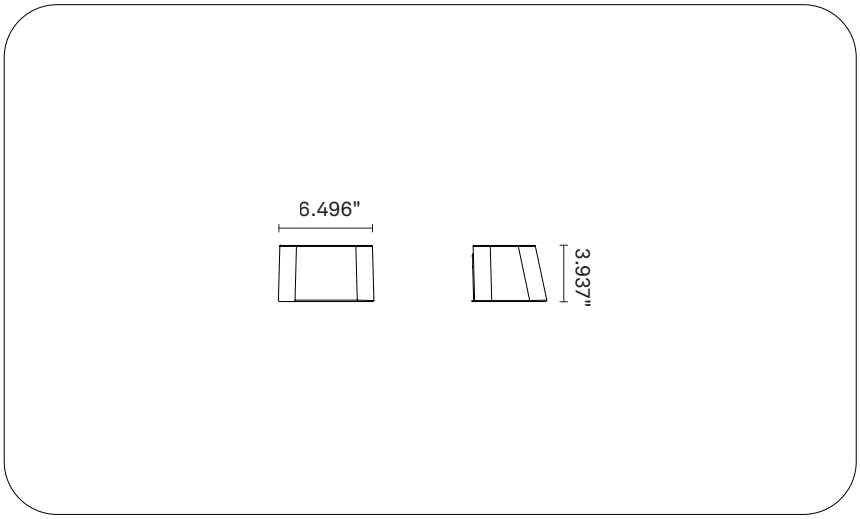
NERI

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

BRENTA APPLIQUE | LUMINAIRE | BRENTA S





IP43 IK08 cULus

ORDERING INFORMATION / GUIDE

Example**: BRS6999-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	**L010** 1000 lm	**SP** Prismatic	**V0** 120V-277V	**F02** 1-10V+CLO	**MU** UL	**CG0** Grey [RAL 9006] Matt
	840 Ra80 4000 K						

Generated code: **BRS6999 - U** - _ _ _ - _ _ _ - _ _ _ _ - _ _ - _ _ - _ _ _ - _ _ - _ _ _

ON REQUEST
Non-standard variants and configurations available upon request. Please contact Neri for further information.

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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 = 40° 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: 5.276 in
Width: 6.496 in
Height: 3.937 in
Weight: 7.05 lb
EPA: 0.11 ft²
Protection degree: IP43
Mechanical resistance: IK08
Finish: Grey [RAL 9006] Matt

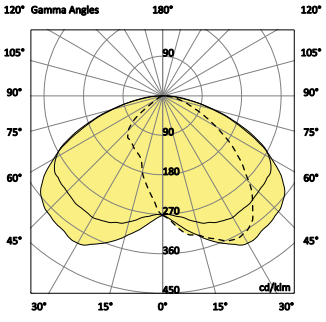
WARNINGS
Luminaire designed for disposal/recycling at end-of-life.
Replaceable (LED only) light source by a professional.
Replaceable control gear by a professional.
Protection of surfaces: please refer to the specification on painting procedures of the materials.

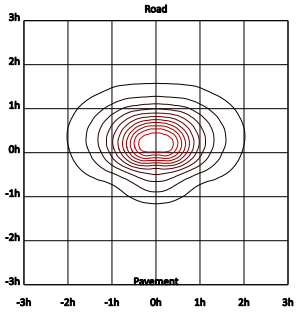
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BRENTA APPLIQUE | LUMINAIRE | BRENTA S

Optic: T2 short

Lens: Prismatic





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BRENTA APPLIQUE | LUMINAIRE | BRENTA S

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

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