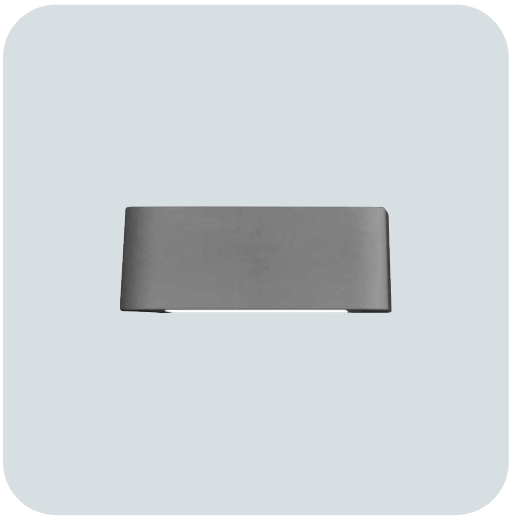
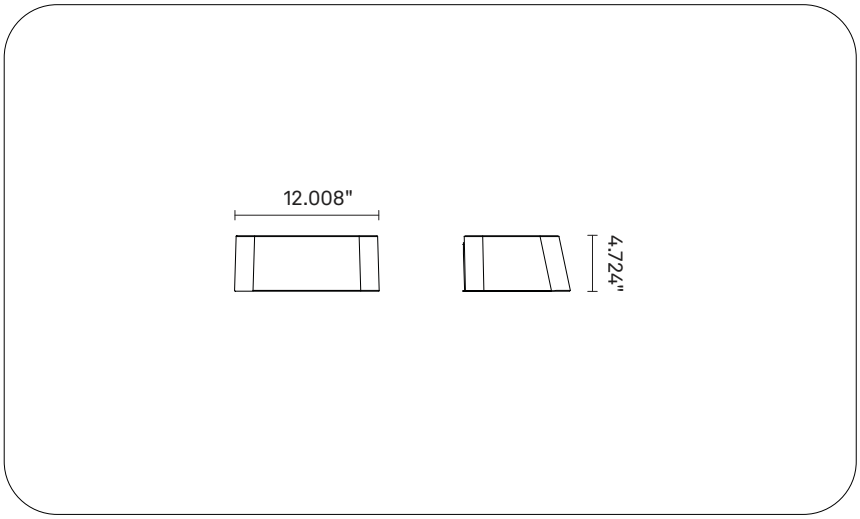
NERI

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

BRENTA APPLIQUE | LUMINAIRE | BRENTA L





IP55 IK08 cULus

ORDERING INFORMATION / GUIDE

Example**: BRL6999-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: **BRL6999 - 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.

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: D, E
LED forward current: 450 mA
Power rating: 23 W
Nominal Flux: 1300-1400 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 = 30° γ = 56°
Luminous flux: 1300-1400 lm
Luminous efficacy: 50-54 lm/W
BUG: B=1, 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: 9.134 in
Width: 12.008 in
Height: 4.724 in
Weight: 24.25 lb
EPA: 0.32 ft²
Protection degree: IP55
Mechanical resistance: IK08
Finish: Grey [RAL 9006] Matt

WARNINGS

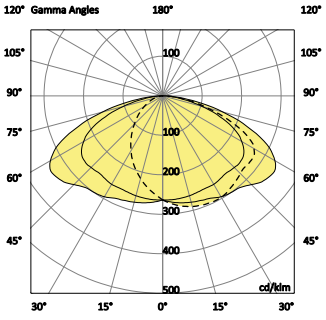
Luminaire designed for disposal/recycling at end-of-life.
Replaceable (LED only) light source by a professional.
Replaceable control gear by a professional.
Protection of surfaces: please refer to the specification on painting procedures of the materials.

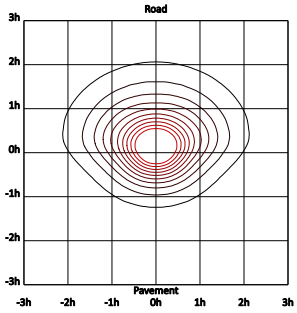
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Optic: T4

Lens: Prismatic





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BRENTA APPLIQUE | LUMINAIRE | BRENTA L

Optic: T4 **Lens:** Prismatic

System					Source			BUG		
Luminous Flux	**Nominal CCT**	**W**	**lm/W**	**n° led**	**mA**	**W**	**lm/W**	**Backlight**	**Uplight**	**Glare**
1300 lm	3000 K	26	50	18	450	23	57	1	0	1
1400 lm	4000 K	26	54	18	450	23	61	1	0	1

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