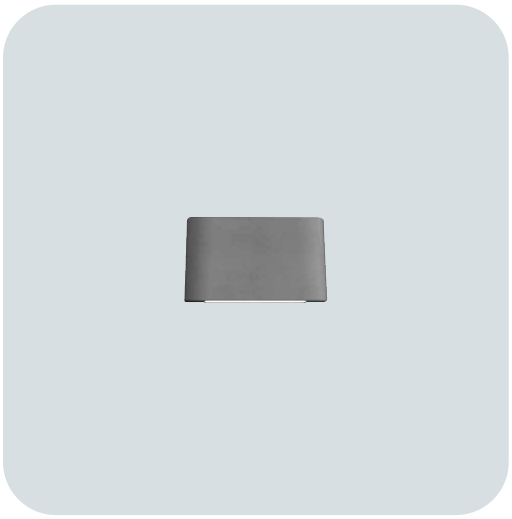
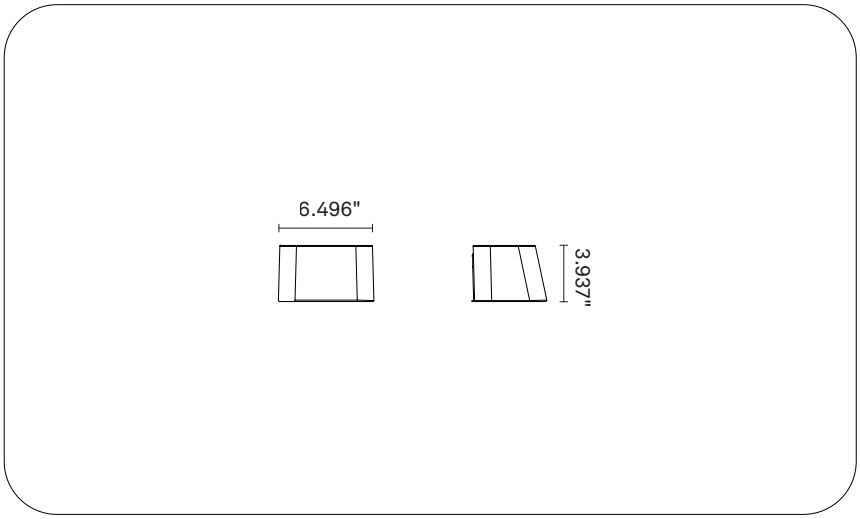
NERI

| | |
|---|---|
| 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**<br>T2 short | **830**<br>Ra80 3000 K | **L010**<br>1000 lm | **SP**<br>Prismatic | **V0**<br>120V-277V | **F02**<br>1-10V+CLO | **MU**<br>UL | **CG0**<br>Grey [RAL 9006] Matt |
| | **840**<br>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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## BRENTA APPLIQUE | LUMINAIRE | BRENTA S

### 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

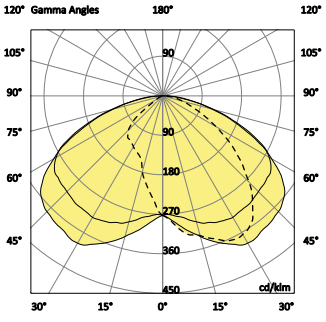
Luminaire designed for disposal/recycling at end-of-life.
Replaceable (LED only) light source by a professional.
Replaceable control gear by a professional.
Protection of surfaces: please refer to the specification on painting procedures of the materials.

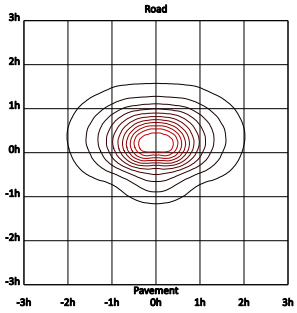

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## BRENTA APPLIQUE | LUMINAIRE | BRENTA S

**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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