NERI

Brenta
Wall mounted luminaire
Size L

Fixing: Wall mounted
Source: LED-P

Technical sheet
Rev. 02 - 2018/12/06
Preliminary

DESCRIPTION

Compliance
- In compliance with: EN 60598-1; EN 60598-2-3; EN 62031; EN 61347; EN 55015; EN 61000-3-2; EN 61000-3-3; EN 61547; UL 1598; FCC CFR-47; ANSI C.62.41.

Mechanical information

Height	Width	Length	Weight	IP	IK	Area
120mm	305mm	232mm	11kg	65	08	0.036 m^2

Electrical characteristics

Voltage	Frequency	Cos φ	Insulation class	Operative Temp.
120V-277V	50/60Hz	> 0.9	CL II ⧈	-40°C/+45°C

Fixing
- Wall mounted
- Distance between holes 140 mm and Ø11 mm.

Materials
- Concrete (NeriConcrete)
- Prismatic flat glass (IK08 - EN 62262).
- White flat glass.
- Stainless steel fastening elements.

NERICONCRETE
Features
NeriConcrete is an HPC concrete (High Performance Concrete), resistant to bending and compression as shown in the table below:

Performance

Flexural strength, EN 1015-11	a 28gg	MPa	13
Compressive strength, EN 1015-11	a 28gg	MPa	75

Realization
NeriConcrete is a flexible mixture able to adapt to any type of mold, obtained by mixing:
- Powders and concrete components;
- Polymeric fibers;
- Colored pigments;
- Water.

Impermeability
The surface treatment makes NeriConcrete water repellent and anti-stain.

Operations and maintenance
Use a soft cloth dampened with water and neutral detergents for routine cleaning. Do not use power washing, sandblasting, brushing and scraping, denaturated alcohol, products containing bleach or highly basic pH.

Finish
- Concrete
- The smooth finish is the result of a very fluid mixture and the quality and type of the molds used.

DRAWINGS

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Category: Performance
Type: IV-V

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DESCRIPTION

Optic

Lighting distribution		LOR	IES Class
Asymmetric (Type IV)	Prismatic glass		Cutoff
Rotosymmetric (Type V)	White glass		Cutoff

Luminous flux

3000K	System*			LED Module		
Screen	lm	W	lm/W	n.LED	mA	W
Prismatic	1314	26	50	18	450	23
White	1011	26	37	18	450	23

Luminous flux

3000K	System*			LED Module		
Screen	lm	W	lm/W	n.LED	mA	W
Prismatic	1408	26	54	18	450	23
White	1040	26	40	18	450	23

- Light source: power LEDs (DMC Nichia)
- Heat sink in aluminium inside to the cover for optimal control of temperature.
- Estimated life (EN 62722-2-1, LM80 data): L80 B10 80.000h
- Colour Rendering Index: Ra > 80.

Driver functions
1-10V

- Electronic power supply
- Standard surge protection for differential/common mode 2kV/2kV (CL I, CL II).
- Estimated life B10 at 100,000 h.

PHOTOMETRIC CURVES

Prismatic glass
Type IV - Asymmetric

White glass
Type V - Rotosymmetric

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