

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
600mm	165mm	239mm	19kg	65	08	0.108 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

- On the ground
- Distance between holes 120 mm and Ø15 mm.

Materials

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

NERI CONCRETE

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.

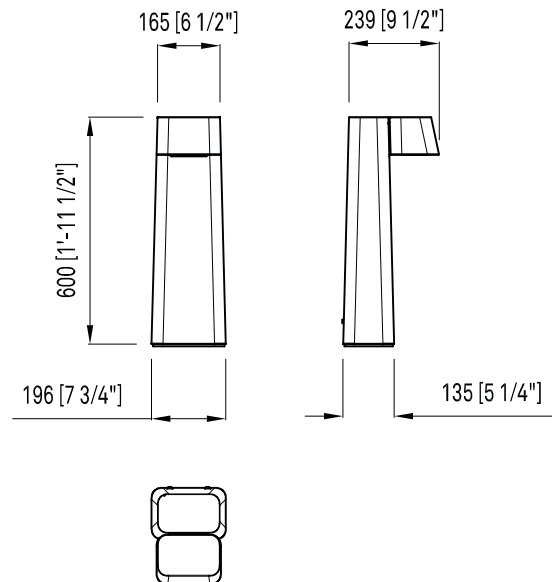
Operations and maintenance

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



NERI

Brenta
Illuminating Bollard
Size M

Category: Performance
Type: II

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

DESCRIPTION

Optic

Lighting distribution	LOR	IES Class
Asymmetric (Type II)	100%	Cutoff

Luminous flux

3000K	System*			LED Module		
Cod. YYY	lm	W	lm/W	n.LED	mA	W
-	966	13	76	2	450	11

Luminous flux

3000K	System*			LED Module		
Cod. YYY	lm	W	lm/W	n.LED	mA	W
-	1036	13	82	2	450	11

- Light source: power LEDs (XHP-50.2 CREE)
- 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

Type II - Asymmetric

