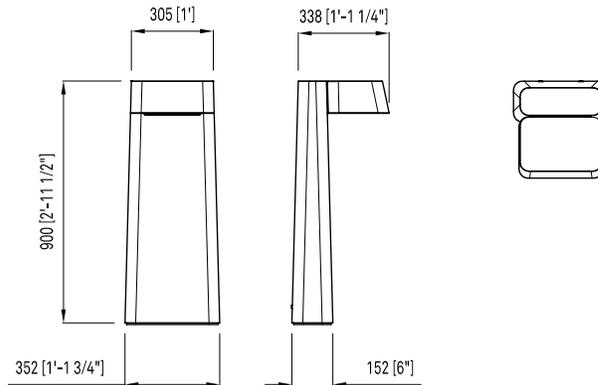


Brenta Illuminating bollard XL

Source	LED
Voltage	120V-277V
Frequency	50/60Hz
EPA	-
Weight	134.4lb
Height	2' - 11 1/2"
Length	1' - 1 3/4"

Brenta is our homage to one of the most beautiful and evocative materials in the history of architecture: the strong but malleable, fluid but solid, durable but artisanal, sustainable but sexy concrete.



Mounting	Series	Optic system	CCT	Lumen output	Driver function	Accessories
On ground	Brenta	Type IV	2700K	1321lm	1-10V	-
			3000K	1416lm		
			3500K			
			4000K			

SPECIFICATIONS:

Materials:

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

Mounting:

- On the ground with fastening flange at the base.

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.

TECHNICAL DATA:

Electrical and optical features:

- Voltage: 120-277V (universal).
- Frequency: 50-60Hz.
- Protection rating: IP55, IK08
- 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.

COLOR TEMPERATURE:

2,700K

lm output	Watt	lm/W
1321	26.0	50

3,000K

lm output	Watt	lm/W
1321	26.0	50

3,500K

lm output	Watt	lm/W
1321	26.0	50

4,000K

lm output	Watt	lm/W
1416	26.0	54

The efficacy (lm/W) on table refers to the complete system.

DRIVER FUNCTION:

Description

- 1-10V
- Electronic power supply
- Standard surge protection for differential/common mode 6kV/6kV.
- Estimated life B10 at 100,000 h.

NERI

Project location: _____
 Project name: _____
 Model code #: _____ Date _____

Fixture type: _____
 Rev. _____ 05/2021

Brenta Illuminating bollard XL

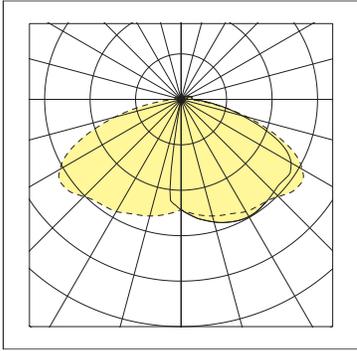
Source LED

Photometric values

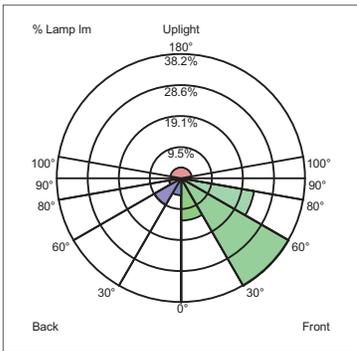
LM-79 test and reports are performed in accordance with IESNA standards.

PHOTOMETRIC DIAGRAMS

Prismatic glass
 LOR 100%



Type IV
 Cut Off



LCS Zone	Angles	% Lamp	% Lum
FL	0° - 30°	13.0%	13.0 %
FM	30° - 60°	38.2%	38.2 %
FH	60° - 80°	22.8%	22.8 %
FVH	80° - 90°	2.8%	2.8 %
BL	0° - 30°	5.2%	5.2 %
BM	30° - 60°	9.5%	9.5 %
BH	60° - 80°	3.8%	3.8 %
BVH	80° - 90°	0.3%	0.3 %
UL	90° - 100°	1.1%	1.1 %
UH	100° - 180°	3.3%	3.3 %
Totals		100.0%	100.0%

N1 - BUG: B0 U2 G1