

NERI

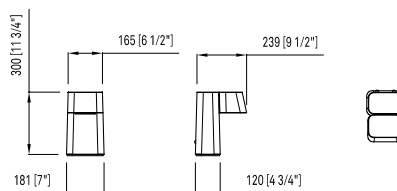
Project location:	
Project name:	
Model code #:	Date

Fixture type:	
Rev.	05/2021

Brenta Illuminating bollard S

Source	LED
Voltage	120V-277V
Frequency	50/60Hz
EPA	-
Weight	24.2lb
Height	11 3/4"
Length	7"

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 II	2700K	966lm	1-10V	-
			3000K	1036lm		
			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: Cree XHP-50.2
- 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
966	13.0	76

3,000K

lm output	Watt	lm/W
966	13.0	76

3,500K

lm output	Watt	lm/W
966	13.0	76

4,000K

lm output	Watt	lm/W
1036	13.0	82

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 2kV/2kV.
- Estimated life B10 at 100,000 h.

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Source LED

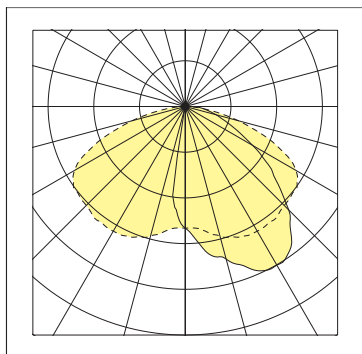
Photometric values

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

PHOTOMETRIC DIAGRAMS

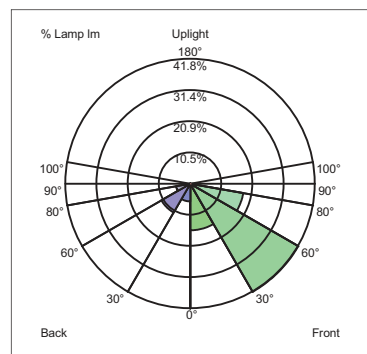
Prismatic glass

LOR 100%



Type II

Cut Off



LCS Zone	Angles	% Lamp	% Lum
FL	0° - 30°	15.6 %	15.6 %
FM	30° - 60°	41.8 %	41.8 %
FH	60° - 80°	18.1 %	18.1 %
FVH	80° - 90°	2.2 %	2.2 %
BL	0° - 30°	5.9 %	5.9 %
BM	30° - 60°	11.1 %	11.1 %
BH	60° - 80°	4.8 %	4.8 %
BVH	80° - 90°	0.4 %	0.4 %
UL	90° - 100°	0.0 %	0.0 %
UH	100° - 180°	0.0 %	0.0 %
Totals		100.0 %	100.0 %
N1 - BUG: B0 U0 G1			