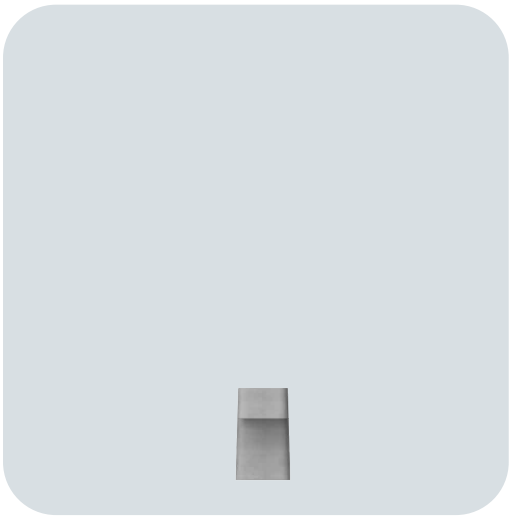
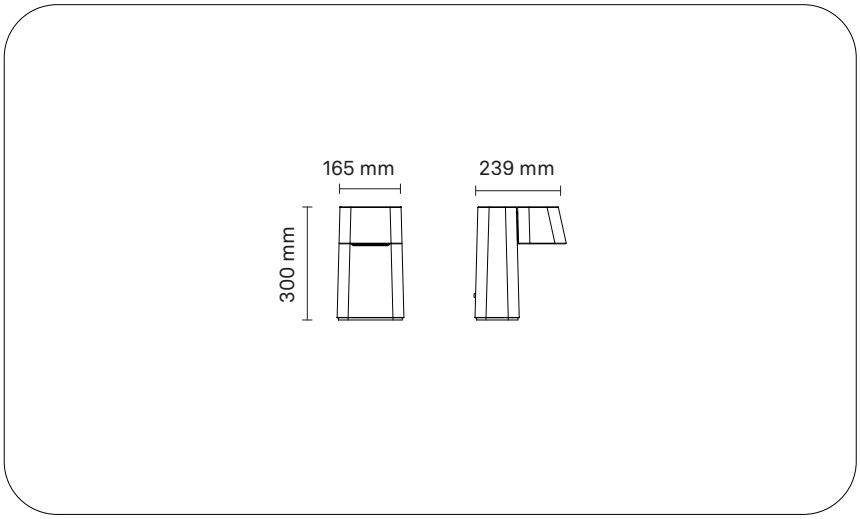
NERI

Project location:	Fixture type: Qty:
Project name:	Notes:

BRENTA PATHLIGHT | LUMINAIRE | BRENTA S





CE IP66 IK08 Classe II

ORDERING INFORMATION / GUIDE

Example**: BR2960007-N-D20-830-L010-SP-V1-F02-M2-CG0**

OPTIQUE	RA+K	LUMINOUS FLUX	SCREEN FINISH	POWER SUPPLY	DRIVER FUNCTION	ISO CLASS	FINISH
D20 Type II - A	**830** Ra80 3000 K	**L010** 1000 lm	**SP** Prismatic	**V1** 220V-240V	**F02** 1-10V+CLO	**M2** Class II	**CG0** Grey [RAL 9006] Matt
	840 Ra80 4000 K	**L011** 1100 lm					

Generated code: **BR2960007 - N** - _ _ _ - _ _ _ - _ _ _ _ - _ _ - _ _ - _ _ _ - _ _ - _ _ _

CONFIGURATION NOTES
The product features shown in this datasheet cannot always be freely combined.
To verify the configurations actually available and define the corresponding product code, please use the configurator available on our website.

ON REQUEST
Non-standard variants and configurations available upon request. Please contact Neri for further information.

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SOURCE

High-power LED matrix.

Energy-efficiency class: E
LED forward current: 450 mA
Power rating: 11 W
Nominal Flux: 1000-1050 lm
Nominal CCT (Colour temperature): 3000 K, 4000 K
Color Rendering Index (Ra): 80
Standard Deviation Colour Matching: ≤3
Rated lifetime: L90B10 100000 h @ Tq = 25 °C

LIGHTING CHARACTERISTICS

Modular 2x2 refractive lenses in PMMA.

Optique: Type II - A
Optical efficiency: LOR = 100% ULOR = 0%
LED quantity: 2
Cutoff Angle: Semi Cutoff C = 45° γ = 32°
Luminous flux: 1000-1050 lm
Luminous efficacy: 77-81 lm/W
Luminous intensity class: G*6
IPEA: Road B / A, Urban B / A, Ped B / B, Park B / B, Art A++ / A+
BUG: B=0, U=0, G=1
Photobiological safety: RG1 - Low risk

ELECTRICAL CHARACTERISTICS

Compliant with standards EN 60598-1; EN 60598-2-3; EN 62031; EN 55015 EMC; EN 61547 EMC; EN 61000-3-2/3; IEC/TR 62778. ENEC safety mark.

Luminaire power: 13 W
Power supply: 220V-240V~ 50/60Hz
Insulation class: Class II
Control type - driver: 1-10V+CLO
Ambient temperature: -35 °C / +50 °C
Driver included: No

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 blending cement powders and components, polymer fibres, coloured pigments, and water, adaptable to any mould.
Protective screen 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: 239 mm
Width: 165 mm
Height: 300 mm
Weight: 11 kg
Wind-exposed area: 0.05 m²
Protection degree: IP66
Mechanical resistance: IK08
Finish: Grey [RAL 9006] Matt

WARNINGS

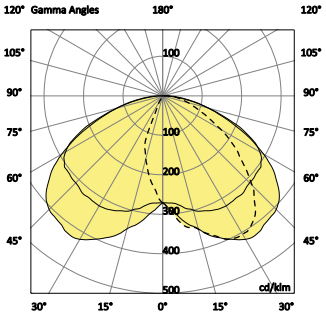
Luminaire designed for disposal/recycling at end-of-life.
Replaceable (LED only) light source by a professional.
Replaceable control gear by a professional.
Protection of surfaces: please refer to the specification on painting procedures of the materials.

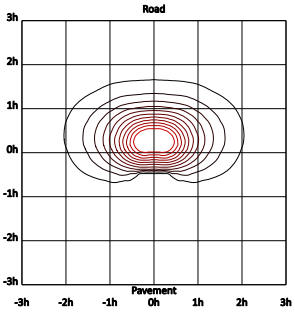
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BRENTA PATHLIGHT | LUMINAIRE | BRENTA S

Optic: Type II - A

Screen finish: Prismatic





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BRENTA PATHLIGHT | LUMINAIRE | BRENTA S

Optic: Type II - A

Screen finish: Prismatic

System					Source			IPEA				
Luminous Flux	**Nominal CCT**	**W**	**lm/W**	**n° led**	**mA**	**W**	**lm/W**	**Road**	**Urban**	**Ped**	**Park**	**Art**
1000 lm	3000 K	13	77	2	450	11	91	B	B	B	B	A+
1050 lm	4000 K	13	81	2	450	11	95	A	A	B	B	A++

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