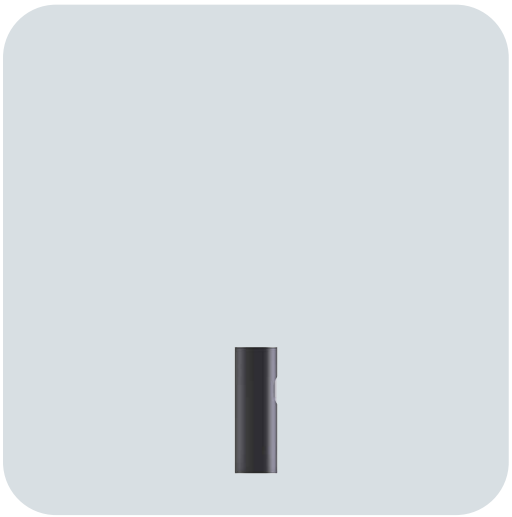
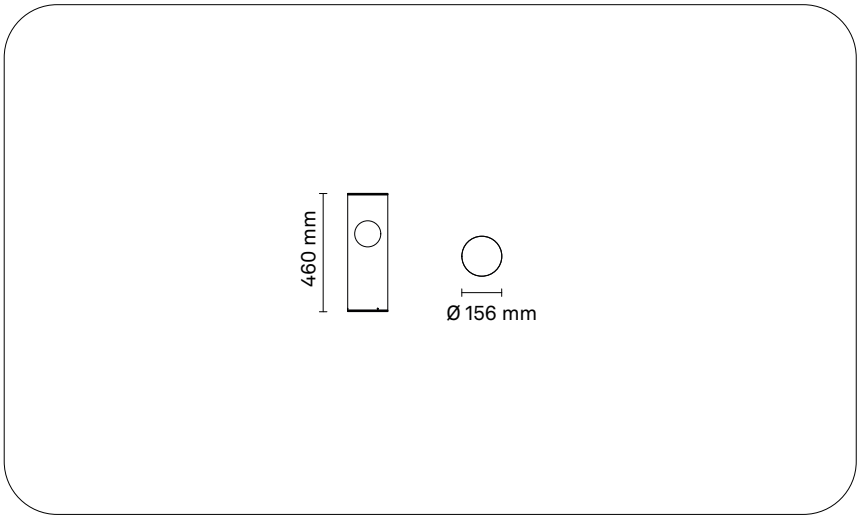
NERI

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

NEBULA PATHLIGHT | LUMINAIRE | 1 LIGHT





CE IP66 IK08 Classe II

ORDERING INFORMATION / GUIDE

Example**: PLNEB01-N-D00-830-L005-SS-V1-F06-M2-CN0**

OPTIQUE	RA+K	LUMINOUS FLUX	SCREEN FINISH	POWER SUPPLY	DRIVER FUNCTION	ISO CLASS	FINISH
D00 Diffuse	**830** Ra80 3000 K	**L002** 200 lm	**SS** Smoky grey	**V0** 120V-277V	**F06** DALI+CLO	**M1** Class I	**CN0** Grey [Neri] Textured
	8CW Ra80 RGBW	**L005** 500 lm		**V1** 220V-240V	**F30** DMX	**M2** Class II	

Generated code: **PLNEB01 - 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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NEBULA PATHLIGHT | LUMINAIRE | 1 LIGHT

SOURCE

COB LED.

Energy-efficiency class: C
LED forward current: 269-700 mA
Power rating: 10 W
Nominal Flux: 175-500 lm
Nominal CCT (Colour temperature): 3000 K, RGBW
Color Rendering Index (Ra): 80
Standard Deviation Colour Matching: ≤3, ≤5
Rated lifetime: L90B10 100000 h @ Tq = 25 °C, L90B10 90000 h @ Tq = 25 °C

LIGHTING CHARACTERISTICS

Single silicone lens.

Optique: Diffuse
Optical efficiency: LOR = 100% ULOR = 50%
LED quantity: 1, 3
Cutoff Angle: Non Cutoff C = 90° γ = 90°
Luminous flux: 175-500 lm
Luminous efficacy: 15-42 lm/W
Maximum luminous intensity γ 90°: ≤845.2 cd/klm
Luminous intensity class: D3, D4
IPEA: Road G / G, Urban G / G, Ped G / G, Park G / G, Art G / G
BUG: B=0, U=3, 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.

Luminaire power: 12 W
Power supply: 120V-277V~ 50/60Hz, 220V-240V~ 50/60Hz
Power factor: ≥0.9
Insulation class: Class I, Class II
Control type - driver: DALI+CLO, DMX
Safe Flicker: PstLM=<1 e SVM=<0,4 (IEC TR 61547-1 e IEC TR 63158)
Ambient temperature: -35 °C / +50 °C
Driver included: Yes
Cable type: H07RN-F 3G1.5mm², H07RN-F 4X1.5mm²
Surge protection: 10kV CM - 6kV DM, 20kV CM - 20kV DM

MECHANICAL CHARACTERISTICS

Structure made of extruded aluminum and sheet aluminum with an external frame and integrated heat sink in cast aluminum.
Polycarbonate protective screen and osmotic valve for internal/external pressure balancing.
Stainless steel or burnished screws.

Diameter: 156 mm
Height: 460 mm
Weight: 5 kg
Wind-exposed area: 0.07 m²
Protection degree: IP66
Mechanical resistance: IK08
Finish: Grey [Neri] Textured

INSTALLATION

Ground installation with a 90 mm hole spacing (Ø 9 mm) and securing of the tube to the base via three M4 grub screws.
Ground mounting using the dedicated flange with a hole spacing of 90 mm (Ø 9 mm).
The tubular post is secured to the base with three M4 set screws.

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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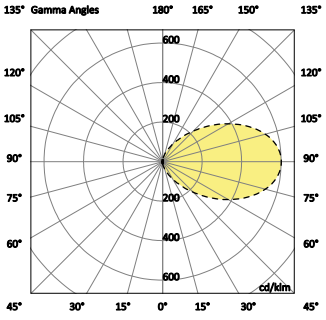
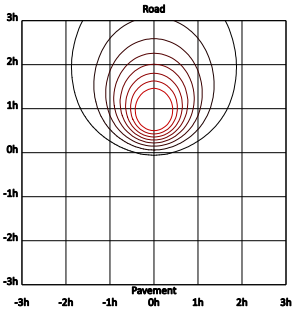
NEBULA PATHLIGHT | LUMINAIRE | 1 LIGHT

Optic: Diffuse

Screen finish: Smoky grey





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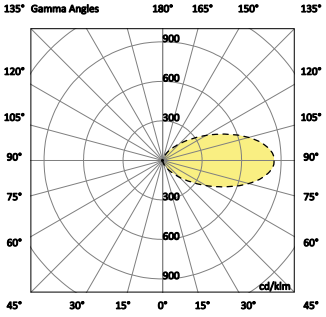
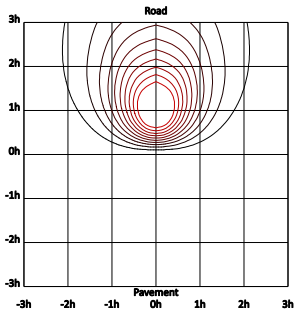
NEBULA PATHLIGHT | LUMINAIRE | 1 LIGHT

RGBW

Optic: Diffuse

Screen finish: Smoky grey





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NEBULA PATHLIGHT | LUMINAIRE | 1 LIGHT

Optic: Diffuse

Screen finish: Smoky grey

System					Source			IPEA				
Luminous Flux	**Nominal CCT**	**W**	**lm/W**	**n° led**	**mA**	**W**	**lm/W**	**Road**	**Urban**	**Ped**	**Park**	**Art**
500 lm	3000 K	12	42	1	269	10	50	G	G	G	G	G

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NEBULA PATHLIGHT | LUMINAIRE | 1 LIGHT

RGBW

Optic: Diffuse

Screen finish: Smoky grey

System					Source			IPEA				
Luminous Flux	**Nominal CCT**	**W**	**lm/W**	**n° led**	**mA**	**W**	**lm/W**	**Road**	**Urban**	**Ped**	**Park**	**Art**
175 lm	RGBW	12	15	3	700	10	18	G	G	G	G	G

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