

NERI

Light 21
Cod. PN210L + XYYYYZ

Connection: Head post
Source: LED Performance

Technical sheet
Measures in mm

DESCRIPTION

Compliance

- In compliance with EN 60598-1; EN 60598-2-3; EN 62031;
EN 55015 EMC; EN 61547 EMC; EN 62471



Certification-BIS

Dimensions - Area - Weight

Height	Width	Length	Diameter	Area exposed to wind (S)	Weight
690 mm			550 mm	0.141 m ²	9.3 Kgs.

Electrical characteristics

Voltage	Frequency	IP Rating	CLII	CL I'	Cos φ	OperativeTemp.
AC 240V	50/60 Hz	IP 66	●	○	>0.9	-30°C...+50°C

Connection

- Flange with a hole diam. 28 mm, on bottom frame.
- Suitable for head pole.

Materials

- Die-cast and sheet aluminium (UNI EN 1706).
- Hot galvanized steel.
- Acrylic Transparent screen (PMMA)
- Stainless steel fasteners.

Structure - Main components

- Upper frame tilting for access to wiring and optic compartment, made in die-cast and sheet aluminum (thickness: 2.5mm).
- Bottom frame with ring made in die-cast aluminum and two arms made in hot-galvanized steel, with flange for fixing equipped of a hole (diam. 28 mm).
- Wiring plate easily removable.
- Gasket between the upper and bottom frames.

Electrical auxiliaries

- Electronic power supply for LED module.
- Terminals for wires with a max. section of 2.5 mm².

Operations and maintenance

- To access the optical and wiring compartment, unscrew the two screws on upper frame and rotate it.
- Separate electronic driver from LED module, individually replaceable.
- During installation, follow the instructions for the correct orientation on the support.
- Periodic maintenance for the external cleaning of the structure and the screens from dust and smog (the operations must be performed with the line power off and with luminaire cold).

Powder Coating

- Standard color is dark grey, type Neri.

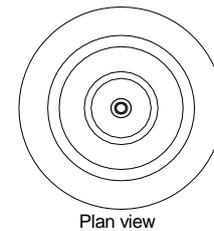
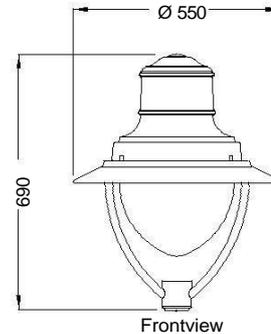
Symbols

- ○ : standard characteristics
- ● : On request characteristics

Code construction

- To create the complete code of the configuration, insert sequential parts of the code on the configuration of the optics (XX), LED modules (YYY) and functions of the power supply (ZZ). Example: PN210L20 113 02

DRAWINGS AND TECHNICAL INFORMATIONS



DESCRIPTION

Optic

Cod.XX	Light distribution	Distribution type
20	Type II - A	Asymmetric
21	Type III - A	Asymmetric
24	Type IV - A	Asymmetric
30	Type V - A	Roto symmetric

- Modular (2 X 2) refractive lens in PMMA.
- Wide range of optical lighting distributions (on request).

Luminous flux

3000/4000K

LED Module

Cod. YYY	lm	W
110/310	2500	21
111/311	3500	29
112/312	4500	38
113/313	6000	50
114/314	7500	63
115/315	9000	75
116/316	10500	88
117/317	12000	100
118/318	13500	113

*More wattages available on request

*The energetic values in the table are referred to the LED + Power supply.

- LED Lifetime- >100,000hours @Ts 85°C
- Colour Rendering Index: > 70
- Other Wattages, CCT's & CRI's available on demand.

Driver

Cod. ZZ Driver functions

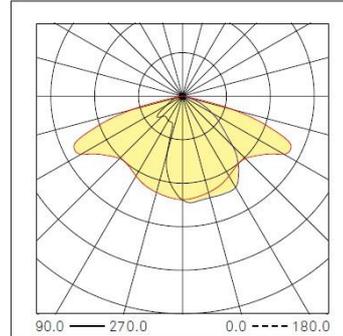
02	Electronic Power Supply
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*Dimmable Power Supplies Available On Demand

POLAR DIAGRAMS

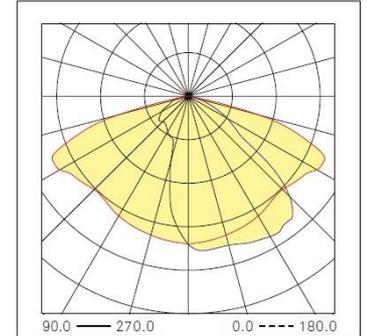
Type II - A

Luminous intensity class G*4



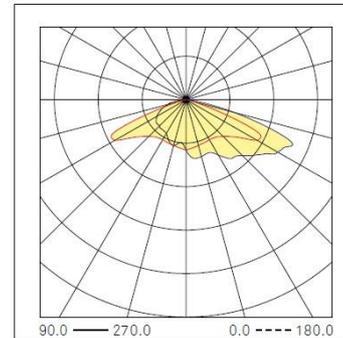
Type III - A

Luminous intensity class G*3



Type IV - A

Luminous intensity class G*2



Type V - A

Luminous intensity class G*4

