

# NERI

Light 701  
Light source: discharge lamps

Serie **SN701** + SSS X YY ZZ  
Mounting: suspended

Technical sheet  
Rev. B 10-2015  
Measures in mm

## DESCRIPTION


### Dimensions - Area exposed to wind pressure - Weight

Height	Width	Lenght	Diameter	Area esposed to wind (S)	Weight
895 mm	480 mm			0.275 m <sup>2</sup>	13.8 Kg

### Electrical characteristics (electromagnetic wiring)

Voltage	Frequency	IP	Insulation class	Cos $\Phi$	Oper. Temp. °C
230V	50Hz	43	CL II $\square$ CL I $\pm$ (on request)	> 0.9	-30... +40

### Conformity

	2014/35/UE (LVD)	2014/30/UE (EMC)	2011/65/UE (RoHS)	(ErP)
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### Mounting system

- Suitable for suspended mounting.
- Connection with threaded tube male G 3/4" in galvanized steel.

### Materials

- Cast aluminum (UNI EN 1706).
- Brass.
- Galvanized steel sheet.
- Acrylic (PMMA).
- Stainless steel fasteners.

### Structure - Main components

- Upper frame with hexagonal shape in cast aluminum, for access to the auxiliary and optical compartment, equipped with a threaded tube male G3/4" for mounting to the support. The frame is hinged to the lower frame and is equipped with two small knobs for opening, six infill plates in galvanized steel sheet.
  - Lower frame with hexagonal shape in cast aluminum, composed by a basket with six linear vertical arms, and an element with six-arms and decorative terminal.
  - Wiring plate in galvanized steel sheet, easily removable.
  - Support plate for reflector in white acrylic (PMMA).
  - Lateral screens and caseback in acrylic (PMMA), transparent or frosted.
- Shock resistance: IK06.

### Optics

- Reflector mod. 1 - street lighting - Installation on the side of street.
- Installation on the side of street.

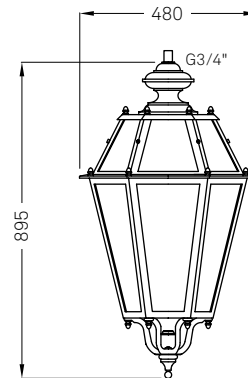
### Operations and maintenance

- To opening the light fixture and access to the lamp, wiring and optic compartment, loosen the two small knobs on cover and rotate the lower frame.
- During maintenance operations, no part or component is detached from the structure.
- Electric auxiliaries individually replaceable.
- During installation, follow the instructions for the correct optic orientation on the support.
- Periodic maintenance (about once a year) for external cleaning of the structure and screen from dust and smog, and the control of fastening of all screws, must be performed with light fixture switched off and cold.

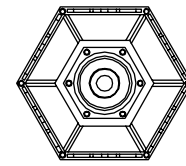
### Painting

- Standard color is metalized matt dark gray, type Neri.
- Other colours of RAL range on request.
- Information about paint steps used on this product in specific technical sheet.

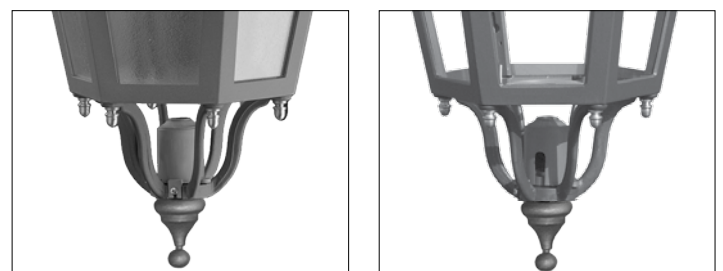
## DRAWINGS AND TECHNICAL INFORMATIONS



Front view



Plan view



Details

### Code construction

To configure the complete code of luminaire, add in sequence after **Serie** code, the others parts of code: Ballast-screen (**SSS**) + Optic (**X**) + Lamp predisposition (**YY**) + Wiring type (**ZZ**). See configurations tables on the following page.

## CONFIGURATION WITH ELECTROMAGNETIC WIRINGS

### Screens

Cod. SSS	Light fixture series	Materials	Finiture	Shock R.
A09	701	Acrylic (PMMA)	Frosted	IK06
A11	701	Acrylic (PMMA)	Transparent	IK06

### Optics

Cod. X	Type	Lighting classes	Classe IES
1	mod.1 - Fixed	Street lighting.	Cut-off

- Reflector pressed in aluminum sheet, polished and oxidized. (thickness 1 mm - purity 99.90%).
- Lampholder regulable for a optimal positioning of lamp.
- Height of installation: from 4.5 to 6.5 meters.

### Wirings (Predisposition for lamps with optical and socket)

Cod. YY	Lamps predisposition	W	Optics	Sockets
32	(MT) Metal halide - (ST) Sodium H.P.	70	1	E27
33	(MT) Metal halide - (ST) Sodium H.P.	100	1	E40
35	(MT) Metal halide - (ST) Sodium H.P.	150	1	E40

- Electromagnetic ballast with high efficiency (CELMA class EEI=A3), with thermal protection.
- Electronic ignitor (pulses until to 4.5 KV).
- Power factor correction capacitor.
- Ceramic lamp holders in relation to the type of lamp.
- Electric components on wiring plate easily removable.
- Terminal board for cables with max section of 2,5 mm<sup>2</sup>.

### Wirings (Characteristics)

Cod. ZZ	Detail
14	Insulation class CL II  - Fuse 250V-T6.3A (5 x 20 mm)

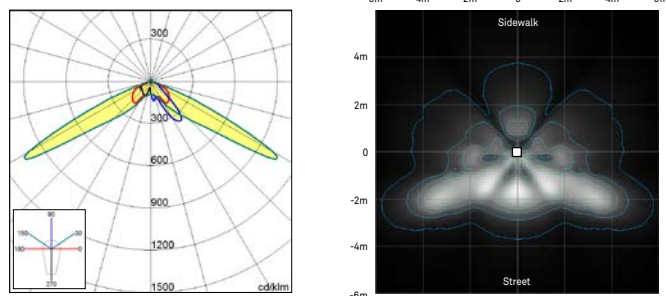
### Note

- Use lamps with efficiency  $\geq$  di 90 lm/W.
- The lamps are not included in the wiring.
- On request can be realized other wiring configurations.

## PHOTOMETRICS OF REFERENCE

### Reflector mod. 1 - Transparent screen.

Asymmetric for street lighting - Cut off - Type III



### Reflector mod. 1 - Frosted screen.

Asymmetric for street lighting - Cut off - Type III

