

# NERI

Light 450  
Light source: discharge lamps

Serie **SN450** + SSS X YY ZZ  
Mounting: suspended

Technical sheet  
Rev. B10-2015  
Measures in mm

## DESCRIPTION


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

Height	Width	Length	Diameter	Area exposed to wind (S)	Weight
420 mm			390 mm	0.100 m <sup>2</sup>	4.0 Kg

### Electrical characteristics (electromagnetic wiring)

Voltage	Frequency	IP	Insulation class	Cos $\Phi$	Oper. Temp. °C
230V	50Hz	23	CL I $\perp$	> 0.9	-30... +40

### Conformity

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

- Tube threaded G3/4" male in galvanized steel.
- Suitable only for suspended mounting.

### Materials

- Cast aluminum (UNI EN 1706).
- Sheet in aluminum.
- Galvanized steel.
- Polycarbonate (PC) screen.
- Stainless steel screws.

### Structure - Main components

- Upper frame in cast and sheet aluminum, equipped with a threaded tube G3/4" male, for mounting to the support and a knob for opening.
- Lower tilting frame composed by a ring in cast aluminum with function of reflector and screen support.
- Wiring plate removable in polyethylene.
- Screen in opal white striped polycarbonate (PC) with convex shaped reflector in aluminum sheet white color. Shock resistance IK10.

### Optics

- Reflector mod. 0 (reflector white painted) for mixed area lighting.
- Rotosymmetric geometry.

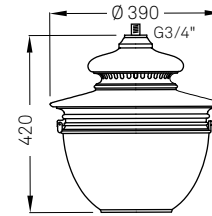
### Operations and maintenance

- To open the light fixture slacken the lateral knob and rotate the lower frame, which remains hinged to the upper frame.
- Wiring components are individually replaceable.
- During maintenance operations, no screw separates from the structure.
- 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.

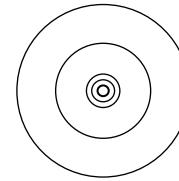
### Painting

- 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-side view



Pian view



## 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.
A44	450	Polycarbonate white	Opale	IK10

### Optics

Cod. X	Reflector mod.	Lighting classes	Class IES
0	mod.0 - fixed position	Lighting of mixed areas	No cut-off

- Reflector convex white color in aluminum sheet with lamp in vertical position.
- Height of installation from: 3.5 - 4.5 meters.

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

Cod. YY	Lamps predisposition	W	Optics	Lampholders
32	(MT) Metal halide - (ST) Sodium H.P.	70	0	E27
33	(MT) Metal halide - (ST) Sodium H.P.	100	0	E40

- Compact electromagnetic ballast with high efficiency (CELMA class EEI=A3), with thermal protection, inside. equipped with electronic ignitor (pulses until to 4.5 KV) and power factor correction capacitor.
- Ceramic lamp holders in relation to the type of lamp.
- Electric components on wiring plate in polietilene.
- Terminal board for cables with max section of 2,5 mm<sup>2</sup>.

### Electromagnetic wirings (characteristics)

Cod. ZZ	Description
03	CL I $\frac{1}{2}$ (insulation class) - 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. 0 - Transparent glass screen.

Ro-to-symmetric geometry for lighting of mixed areas - No cut off - Type V

