

NERI

Light 550
Light source: discharge lamps

Serie **SN550** + 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	Length	Diameter	Area exposed to wind (S)	Weight
650 mm			390 mm	0.167 m ²	8.0 Kg

Electrical characteristics (electromagnetic wiring)

Voltage	Frequency	IP	Insulation class	Cos Φ	Oper. Temp. °C
230V	50Hz	23	CL I $\underline{\text{I}}$	> 0.9	-30... +40

Conformity

CE	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

- Sheet in aluminum.
- Cast aluminum (UNI EN 1706).
- Galvanized steel.
- Acrylic screen (PMMA).
- Polyethylene.
- Stainless steel screws.

Structure - Main components

- Upper frame with circular shaped in cast and sheet aluminum, equipped with a threaded tube G3/4" male for connection to support.
- Removable lower frame in cast aluminum, for access to optical and wiring compartment, composed by a circular ring, three curved arms and a flange with at the centre a decorative element. To remove the frame, unscrew three screws at the top of three arms.
- Wiring plate in polyethylene, easily removable.
- Reflector convex shaped in sheet aluminum, white color.
- Screen in a single piece in acrylic (PMMA) white opale finish.
Shock resistance IK06.

Optics

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

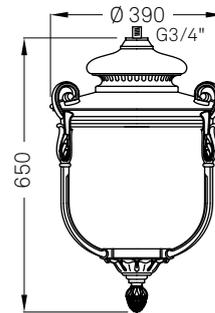
Operations and maintenance

- To opening the light fixture and access to wiring and optic compartment, unscrew three screws at the top of three arms and remove the lower frame.
- To replace the lamp, remove the reflector.
- 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.

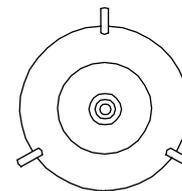
Painting

- 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



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.
A10	550	Acrylic (PMMA)	Opale white	IK06

Optics

Cod. X	Type	Lighting classes	Classe IES
0	mod.0	Mixed area lighting - rotoymmetric	No cut-off

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

Wirings (Predisposition for lamps with optical and socket)

Cod. YY	Lamps predisposition	W	Optics	Sockets
30	(ST - SE) Sodium H.P.	50	0	E27
32	(MT-ME) Metal halide - (ST-SE) Sodium H.P.	70	0	E27
33	(MT-ME) Metal halide - (ST-SE) Sodium H.P.	100	0	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 mm².

Wirings (Characteristics)

Cod. ZZ	Detail
03	Insulation class CL I $\frac{1}{2}$ - 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

Ottica mod. 0 - Lamp in view with opale white screen.
Rotosymmetric - No cut off - Type V

