NERI

Light 100
Light source: discharge lamps

Serie **SN100** + 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
300 mm			400 mm	0.050 m^2	6.5 Kg

Electrical characteristics (electromagnetic wiring)

Voltage	Frequency	IP	Insulation class	Cos φ	Oper. Temp. °C
230V	50Hz	44	CL II ⧈ CL I ⏚ (on request)	> 0.9	-30... +40

Conformity

CE	2014/35/UE (LVD)	2014/30/UE (EMC)	2011/65/UE (RoHS)	(ErP)

Mounting system
- Equipped with a threaded tube G3/4" male in galvanized steel.
- Suitable only for suspended mounting.

Materials
- Sheet in aluminum (thickness 20/10 mm).
- Sheet in galvanized steel.
- Tempered flameproof glass.
- Stainless steel screws.

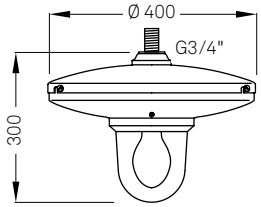
Structure - Main components
- Upper frame in sheet aluminum equipped with a threaded tube male G3/4" for mounting to the support.
- Lower frame in sheet aluminum, painted white on the underside with function of reflector and screen support.
- Wiring plate in galvanized steel sheet.
- Protective screen cup-shaped in flameproof glass. Shock resistance IK10.

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

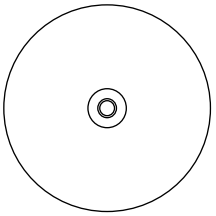
Operations and maintenance
- To replace the lamp, slacken the three lateral screws and rotate the lower frame, which remains hanging by a safety steel cable to the upper frame.
- The ballast is mounted on a plate of galvanized sheet metal easily removable.
- During maintenance operations, no screw separates 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 on the upper frame.
- Standard color is white on the lower frame.
- 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


Transparent screen


Satined screen

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.
A25	**100**	Explosion proof glass	Transparent	IK10
A26	**100**	Explosion proof glass	satined	IK10

Optics

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

- Reflector white painted with lamp in view and cup shaped transparent or satined glass screen.
- Lampholder regulable for a optimal positioning of lamp.
- Height of installation from: 3.5 - 5.0 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 galvanized steel.
- Terminal board for cables with max section of 2,5 mm^2.

Electromagnetic wirings (characteristics)

Cod. ZZ	Description
04	CL II ⧈ (insulation class) - Fuse 250V-T6.3A (5 x 20 mm)

Note

- Use lamps with efficiency ≥ 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.
Roto-symmetric geometry for lighting of mixed areas - No cut off - Type V