

# NERI

Light 30 (serie 301)  
Light source: discharge lamps

Serie **SN301** + SSS X YY ZZ  
Mounting:suspended

Technical sheet  
Rev. A 11-2015  
Measures in mm

## DESCRIPTION

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

| Height | Width | Lenght | Diameter | Area esposed to wind (S) | Weight |
|--------|-------|--------|----------|--------------------------|--------|
| 600 mm |       |        | 450 mm   | 0.176 m <sup>2</sup>     | 8.4 Kg |

### Electrical characteristics (electromagnetic wiring)

| Voltage | Frequency | IP | Insulation class                        | Cos $\Phi$ | Oper. Temp. °C |
|---------|-----------|----|---|------------|----------------|
| 230V    | 50Hz      | 66 | CL II $\square$ CL I $\pm$ (on request) | > 0.9      | -30... +40     |

### Conformity

|  |                     |                     |                      |       |
|--|---------------------|---------------------|----------------------|-------|
|  | 2014/35/UE<br>(LVD) | 2014/30/UE<br>(EMC) | 2011/65/UE<br>(RoHS) | (ErP) |
|--|---------------------|---------------------|----------------------|-------|

### Mounting system

- Suitable for suspended mounting.
- Connection with threaded tube male G 3/4" with cable gland (PG16) inside.

### Materials

- Die-cast and sheet aluminum (UNI EN 1706).
- Acrylic screen (PMMA).
- Screws in stainless steel and brass.

### Structure - Main components

- Upper frame composed by a bell in die-cast aluminum richly decorated with 12 leaves, equipped with a threaded tube G3/4" for mounting to the support arm.
- Lower frame for access to optical and wiring compartment, composed by a ring in die-cast aluminum for the support of screen, equipped of two small knobs for opening.
- Wiring plate in aluminum sheet painted white colour, easily removable.
- Neoprene gasket between upper and lower frame.
- Skirt-shaped screen in acrylic (PMMA) white frosted finish. Shock resistance IK06.

### Optics

- Reflector mod. 1 - street and mixed areas ighting - Installation on the side of street.

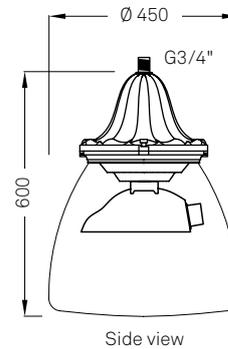
### Operations and maintenance

- To opening the light fixture and access to wiring and optic compartment, loosen the two small knobs on cover and remove the lower frame with screen.
- To remove the wiring plate, loosen the screws and rotate the plate.
- Separate 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.

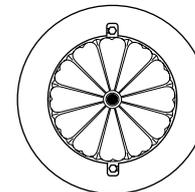
### Painting

- 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



Side 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.

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## CONFIGURATION WITH ELECTROMAGNETIC WIRINGS

### Screens

| Cod. SSS | Light fixture series | Materials      | Finiture      | Shock R. |
|----------|----------------------|----------------|---------------|----------|
| A12      | 201-301              | Acrylic (PMMA) | White frosted | IK06     |

### Optics

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

- Reflector mod. 1 in pressed sheet aluminum (thickness 1 mm, purity 99.90%), polished and oxidized.
- Height of installation: from 3.5 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 | Details  |
|---------|--|
| 04      | 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** - Screen skirt-shaped in acrylic white frosted.  
Asymmetric for street lighting - Cut off - Type III

