

NERI

Light 37
Cod. SN373L xx yyy zz

Fixing: Suspended
Source: LED-P

Technical sheet
Measures in mm

DESCRIPTION

Compliance

- In compliance with EN60598-2-3; EN60598-1; EN62031; EN55015; EN61547; EN 61000-3-2; EN 61000-3-3.



Mechanical information

Height	Width	Length	Weight	IP	IK	Area
245mm	530mm	530mm	11,5Kg	66	08	0,112 m ²

Electrical characteristics

Voltage	Frequency	Cos φ	Insulation class	Operative Temp.
220-240V	50/60Hz	> 0,9	CL II	-35... +40°C

- Classe I of insulation (on request).

Fixing

- Suspended (with male G3/4 or with clevis).

Materials

- Appliance in die-casting aluminium (UNI EN 1706) and aluminium plate.
- Extra-clear transparent flat glass (IK08 - EN 62262).
- Stainless steel fastening elements.
- Galvanized steel sheet.
- Heatsink in extruded aluminum.
- Brass connection.

Structure – Main components

- Tilting frame for access to the electric and optical auxiliary compartment.
- Silicone gasket between the upper and bottom frames.

Electrical auxiliaries

- Support plates for LED module and wiring easily removables.
- Plate wiring with appropriate space for auxiliary devices of remote management.
- Automatic electrical disconnecter when opening.
- Terminals for wires with a max. section of 2,5 mm².
- Input power cable with with waterproof membrane.

Operations and maintenance

- During maintenance operations no screw or component is separated from the structure.
- Replaceable components in full (complete cover of LED module, wiring plate with driver).
- Please refer to the installation and maintenance manual of the product.
- It is responsibility of the installer the correct installation and electric connection in accordance with applicableregulations.

Powder Coating

- Standard colour: NeriGray.

Code construction

To create the complete code of the configuration, insert sequential parts of the code on the configuration of the:

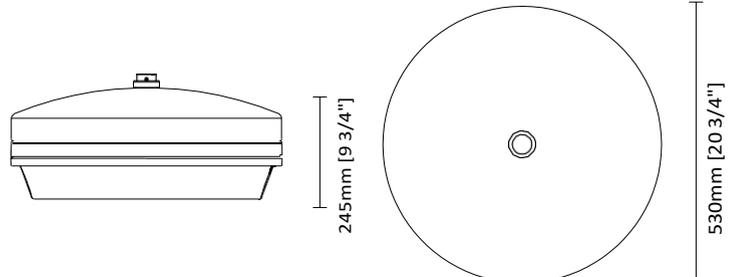
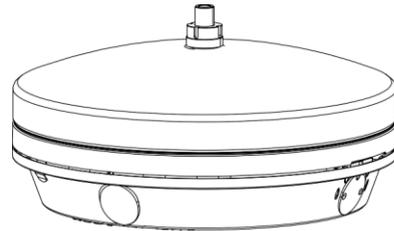
xx - Optic
yyy - Luminous flux
zz - Driver

Example: SN373L xx yyy zz → SN373L171D302

Accessories

- Tight decorative ring (750 mm diameter): cod. 0006.083.
- Spaced decorative ring (750 mm diameter): cod. 0006.082.

DRAWINGS



DESCRIPTION

Optics

Cod. XX	Light distribution	LOR	IES Class
24	Roadways and mixed areas (Type IV)	100%	Full Cutoff
20	Roadways Side road installation (Type II)	100%	Full Cutoff
21	Roadways with sidewalk (Type III)	100%	Full Cutoff
22	Roadways with sidewalk (Type III)	100%	Full Cutoff

* More Optics Available on Request

- LOR: optical efficiency appliance due to the physical shielding.
- Refractive modular lens 2x2 in PMMA.
- High efficiency plastic reflector that enables the recovery of the reflection flow from the glass .

Luminous flux

Cod. YYY	System*		
	lm	W	lm/W
1D9	15000	96	156
1DA	18000	116	155
1DB	21000	138	152

Luminous flux

Cod. YYY	System*		
	lm	W	lm/W
3D9	15000	92	163
3DA	18000	111	162
3DB	21000	132	159

* The energetic values in the table are referred to the complete system.

- LED modules in compliance with EN62031.
- Power LEDs module on printed circuit board with metal core plate.
- Internal heatsink in extruded aluminum.
- Estimated life (EN 62722-2-1, LM80 data): >100000h L90 @Ts= 85°C
- Colour Rendering Index: Ra > 70.

Driver

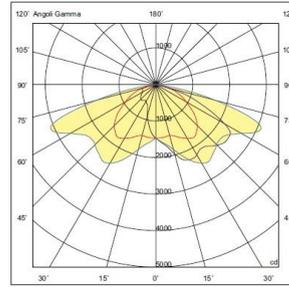
Cod. ZZ	Driver functions
02	Electronic Power Supply

*Dimmable Power Supplies Available on request

PHOTOMETRIC CURVES

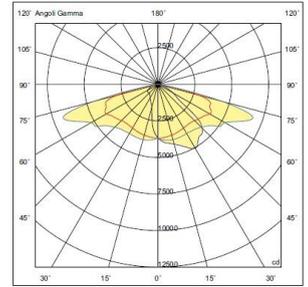
Type IV (NLG 24)

Roadways and mixed areas



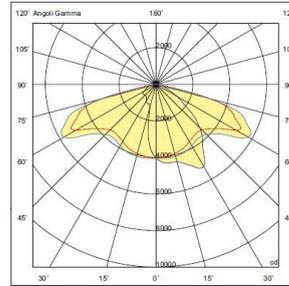
Type III (NLG 21)

Roadways with sidewalk



Type II (NLG 20)

Roadways - Side road installation



Type III (NLG 22)

Roadways with sidewalk

