

DESCRIPTION

Compliance

- Compliance to norms EN 60598-1; EN 60598-2-3; EN 61547 EMC;
EN 61000-3-2/3; ErP; RoHS.



Electrical characteristics (electromagnetic wiring)

Voltage	Frequency	IP	Insulation class	Cos φ	Oper. Temp. °C
230V	50Hz	66	CL II	> 0.9	-30... +40

- Electromagnetic ballast with high efficiency, electronic ignitor and power factor correction capacitor separated.
- Fuse holder and fuse (cartridge 5 x 20 mm).
- Terminal board for cable with section max. 2,5 mm².
- Ceramic lampholder for sockets E27 - E40.
- Wiring plate with automatic disconnecter in fase of opening.

Electrical characteristics (electronic wiring)

Voltage	Frequency	IP	Insulation class	Cos φ	Oper. Temp. °C
208-277V	50/60Hz	66	CL II	> 0.9	-30... +50

- Programmable electronic ballast with auto diagnostic functions.
- Terminal board for cable with section max. 2,5 mm².
- Ceramic lampholder for sockets E27 - E40.
- Wiring plate with automatic disconnecter in fase of opening.

Dimensions - Area exposed to wind pressure - Weight

Height	Width	Lenght.	Diametre	Area exposed to wind (S)	Weight ^(A)	Weight ^(B)
545 mm			550 mm	0.135 m ²	11.0 Kg	9.0 Kg

^(A) Max weight of light fixture with electromagnetic wiring.

^(B) Max weight of light fixture with electronic wiring.

Mounting

- Suitable for suspended mounting.
- Connection with threaded tube male G 3/4" (UNI 338 - ISO 228/1 BSP/G).

Materials

- Die-cast and sheet aluminum (UNI EN 1706).
- Screen made in acrylic (PMMA) transparent or frosted.
- Stainless steel fasteners.

Structure - Main components

- Upper frame made in die-cast aluminum, with thread tube G3/4 " for fixing to the support and cable gland PG16 internal.
- Visor in aluminum sheet.
- Tilting bottom frame made in die-cast aluminum for access to the auxiliary and optical compartment with functions of support screen.
- Wiring plate easily removable.
- Screen made in acrylic (PMMA), moulded in a single piece awith drop shaped. Shock resistance: IK06 (EN 62262).

Optics

- Reflector (mod. 4) - Asymmetric for street lighting.
- Reflector (mod. 9) - Asymmetric for cycle-pedestrian lighting.

Operation and maintenance

- To opening the light fixture and access to wiring and optic compartment unscrew two screw on the upper frame and rotate the bottom frame.
- To replace the lamp, rotate the support of lampholder on the reflector and pull out.
- During maintenance operations, no part or component is detached from the structure.
- Periodic maintenance for the external cleaning of the structure and the screens from dust and smog (the operations must be performed with the line power off and with luminaire cold).

Painting

- Standard color is dark gray, type Neri.
- Information about paint steps used on this product in specific technical sheet.
- Other RAL range colours on request.

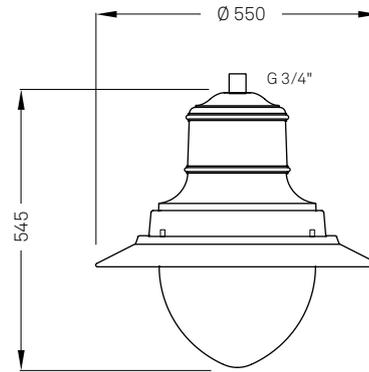
Code construction

- Add at the base code **SN210**, the parts of code of screen, optic and wiring: SSS + X + YY + ZZ (see tables on p. Later).
- Partial code to configure: **SN210** + SSS X YY ZZ.
- Example configured complete code: **SN210A1193314**

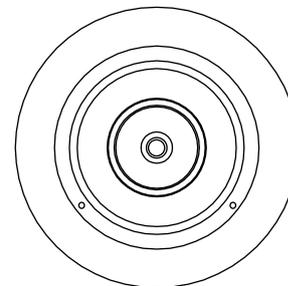
Note

- Classe I of insulation (in this case the product code is to be requested).

DRAWINGS AND TECHNICAL INFORMATIONS



Front view



Plan view



CONFIGURATION WITH ELECTROMAGNETIC WIRINGS

Screens

Cod. SSS	Light fixture series	Materials	Finiture	Shock R.
A09	210-211-212	Acrylic (PMMA)	Frosted	IK06
A11	210-211-212	Acrylic (PMMA)	Transparent	IK06
A41	211 (only with wiring 35)	Polycarbonate (PC)	Frosted	IK10
A42	211 (only with wiring 35)	Polycarbonate (PC)	Transparent	IK10

Optics

Cod. X	Type	Lighting classes	Classe IES
4	mod. 4	Street lighting.	Full cut-off
9	mod. 9	Cycle-pedestrian - mixed area lighting	Full cut-off

- Reflector in sheet aluminum (thickness 1 mm - alloy ENAW1090, purity 99.90% UNI-EN 573-3), polished and oxidized.
- Lampholder regulable for a optimal positioning of lamp.
- Height of installation: from 3.5 to 5.5 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	4 - E27	9 - E27
33	(MT) Metal halide - (ST) Sodium H.P.	100	4 - E40	9 - E40
35	(MT) Metal halide - (ST) Sodium H.P.	150	4 - E40	9 - 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.

Wirings (Characteristics)

Cod. ZZ	Detail
14	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.
- Su richiesta possono essere realizzate diverse configurazioni di cablaggi.

CONFIGURATION WITH ELECTRONIC WIRINGS

Screens

Cod. SSS	Light fixture series	Materials	Finiture	Shock R.
E09	801	Acrylic (PMMA)	Frosted	IK06
E11	801	Acrylic (PMMA)	Transparent	IK06
E41	211 (only with wiring C6-D6)	Polycarbonate (PC)	Frosted	IK10
E42	211 (only with wiring C6-D6)	Polycarbonate (PC)	Transparent	IK10

Optics

Cod. X	Type	Lighting classes	Classe IES
4	mod. 4	Street lighting.	Full cut-off
9	mod. 9	Cycle-pedestrian - mixed area lighting	Full cut-off

- Reflector in sheet aluminum (thickness 1 mm - alloy ENAW1090, purity 99.90% UNI-EN 573-3), polished and oxidized.
- Lampholder regulable for a optimal positioning of lamp.
- Height of installation: from 3.5 to 5.5 meters.

Wirings (Predisposition for lamps with optical and socket)

Cod. YY	Lamps predisposition	W	Optics - Sockets	
C4	CPO-Philips (Metal halide)	60	4 - E27	9 - E27
C5	CPO-Philips (Metal halide)	90	4 - E40	9 - E40
C6	CPO-Philips (Metal halide)	140	4 - E40	9 - E40
D4	(ST) Sodium H.P.	70	4 - E27	9 - E27
D5	(ST) Sodium H.P.	100	4 - E40	9 - E40
D6	(ST) Sodium H.P.	150	4 - E40	9 - E40

- Programmable electronic ballast with auto self diagnostics functions, protected against short circuit, over-temperature and over-voltages up to 10 kV (EN61547).
- Estimated life B10 a 80.000 h.
- Ceramic lamp holders in relation to the type of lamp.
- Electric components on wiring plate easily removable.

Function of electronic ballast

Cod. ZZ	Details
06	DALI - NCL (Neri Costant lumen)
13	NVL6H (automatic control integrated for lighting flux reduction) - 30% for 6 hours

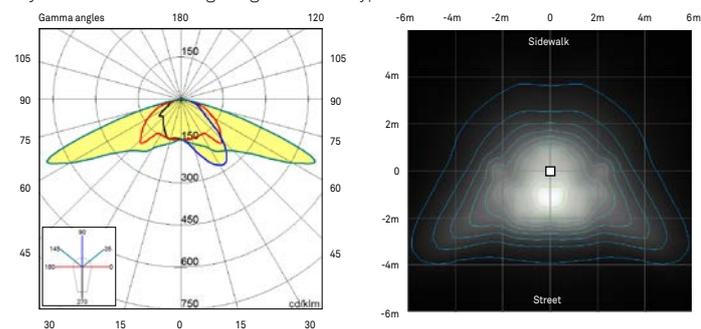
Note

- Use lamps with efficiency \geq di 90 lm/W.
- The lamps are not included in the wiring.
- Su richiesta possono essere realizzate diverse configurazioni di cablaggi.

PHOTOMETRY OF REFERENCE

Optic mod. 4 - Transparent screen.

Asymmetric for street lighting - Cut off - Type II Medium



Optic mod. 9 - Transparent screen.

Asymmetric for cycle-pedestrian and mixed area lighting - Cut off - Type II Short

