

NERI

Light 34
Cod.QBN343Lxxyyy

Fixing: Tilting mounting
Source: LED-P

Technical sheet

DESCRIPTION

Compliance

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



Mechanical information

Height	Dia.	Weight	IP	IK	Area
270mm	530mm	10.5Kg	66	08	0.112 m ²

Electrical characteristics

Voltage	Frequency	Cos φ	Insulation class	Operative Temp.
AC240V	50/60Hz	> 0,9	CL I	-35... +50°C

Fixing

- Side mounting

Materials

- Die-cast aluminium (UNI EN 1706).
- Clear transparent flat glass (IK08 - EN 62262).
- Stainless steel fastening elements.
- Galvanized steel sheet.
- Heatsink in extruded aluminum.

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 removable.
- Plate wiring with appropriate space for auxiliary devices of remote management.
- 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 applicable regulations.

Powder Coating

- Standard colour: Neri Grey.

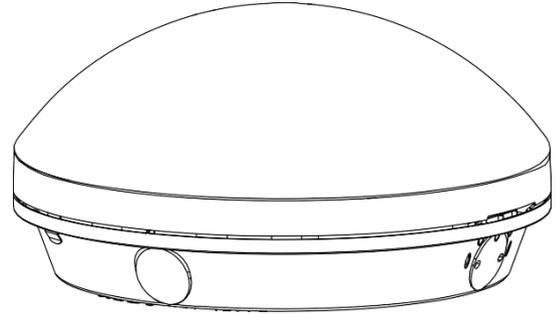
Code construction

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

xx - Optic
yy - Luminous flux
zz - Driver

Example:QBN343L xx yyy zz →QBN343L171D302

DRAWINGS



NERI

Optics: 20-21-22-24

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/PC.
- High efficiency plastic reflector that enables the recovery of the reflection flow from the glass .

Luminous flux

3000K	System*		
Cod. YYY	lm	W	lm/W
1D3	6000	47	129
1D4	7500	60	125
1D5	9000	76	118
1D6	10500	85	124
1D7	12000	99	122
1D8	13500	115	119

Luminous flux

4000K	System*		
Cod. YYY	lm	W	lm/W
3D3	6000	44	135
3D4	7500	57	132
3D5	9000	71	127
3D6	10500	80	131
3D7	12000	93	129
3D8	13500	106	127
3D9	15000	120	125

* 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
- Colour Rendering Index: Ra > 70.

Driver

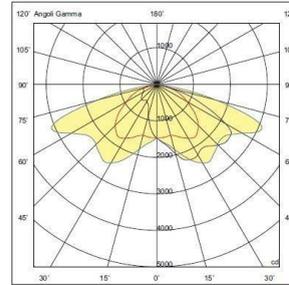
Cod. ZZ	Driver functions
02	Electronic Power Supply

*Dimmable Power Supplies Available on request

PHOTOMETRIC CURVES

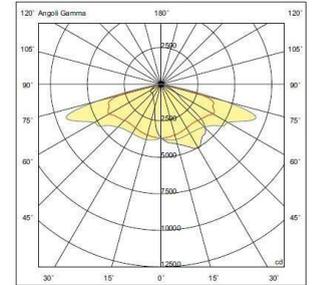
Type IV (NLG 24)

Roadways and mixed areas



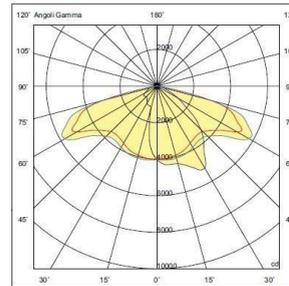
Type III (NLG 21)

Roadways with sidewalk



Type II (NLG 20)

Roadways - Side road installation



Type III (NLG 22)

Roadways with sidewalk

