NERI

Refitting kit
Cod. **RNC25L** xx yyy zz

Fixing: on plate
Source: LED-P

Technical sheet
Rev. 02 - 2019/05/23

DESCRIPTION

Compliance
- In compliance with EN62031, EN62778, EN61347-1, EN61347-2-13, EN62384.

Mechanical information

Height	Width	Lenght	Weight
115mm	310mm	210mm	2,5kg

Electrical characteristics

Voltage	Frequency	Cos ϕ	Operative Temp.
220-240V	50/60 Hz	> 0.9	-35°C...+45°C

- Wiring predisposition: for electrical insulation Class I or II (refer to the installation manual for the connection modes).

Fixing
- The refitting module is prepared for fixing on the floor kit.
- Flat kit for black products that can be ordered separately.
- For installation on third-party lanterns, contact the company.
- The kit is designed to integrate a pre-existing appliance, therefore eridiates IP degree and IK degree of the same.

Materials
- Galvanized steel.
- Aluminum extrusion (UNI EN 1706).
- Stainless steel and galvanized screws.

Structure – Main components
- LED module consisting of:
  · Anodized aluminum heat sink;
  · 2X2 modular refractive lenses in PMMA;
- Galvanized steel wiring plate.

Electrical auxiliaries
- Programmable electronic power supply.
- short-circuit protection, over temperature and overvoltage differential mode / common mode up to 6kV / 10kV (CL I, CL II) and in the presence of additional protections (on request) 10kV / 10kV (CL I, CL II).

Operations – Maintenance
- Refer to the installation and maintenance manual of the Refitting kit.
- The Refitting kit can only be installed by qualified personnel responsible for the intervention.
- The installer is responsible for the correct installation and electrical connection in compliance with applicable applicable regulations.
- The floor must first be mounted on the lantern. The kit must then be fixed to the floor using 2 screws.
- After installing the kit, check the status of the guest lantern and, if necessary, restore it..

Code costruction
To get the complete Refitting Kit code, replace the lowercase x - y - y of the code above, inserting in sequence the parts of code related to:
xx - Optical configuration
yyy - Source
zz - Driver options
Example: **RNC25L** xx yyy zz → RNC25L171D302

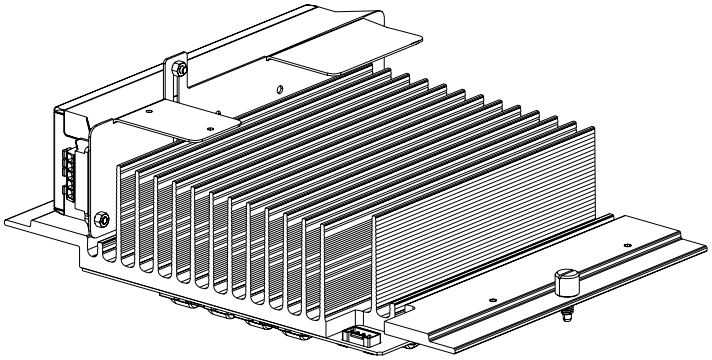
Fixing platform
The support platforms of the Refitting kit must be ordered separately.

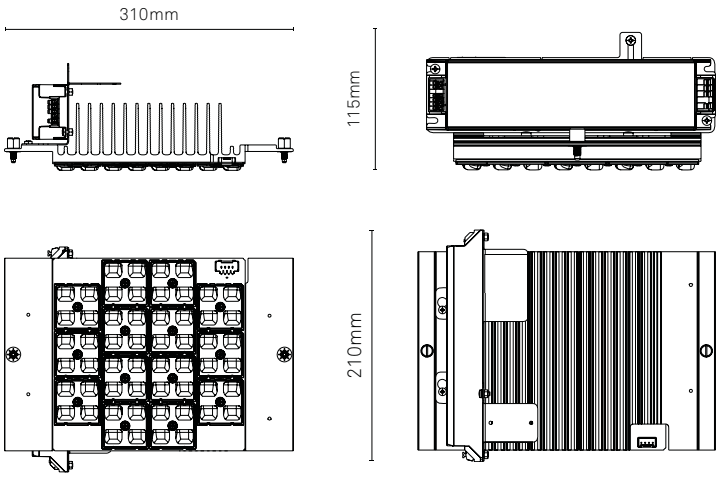
Plate code	Compatible products series
7AA1.001.031D	Light 23; Light 24; Light 34; Light 37

- The RNC25L Refitting Kit can be installed only on the Neri products listed above.
- In the presence of screens different from the flat one, the following components must be provided

Components	Codes
Platform	7AA1.001.031D
Screen	7060.029.027
Gasket	Z008.0023
Screen lock	7017.032.007

DRAWINGS





NERI

Refitting kit

Cod. **RNC25L** xx yyy zz

Category: Performance

Optics: 17-20-21-22-23-28

Technical sheet

Rev. 02 - 2019/05/23

DESCRIPTION

Optic

Cod. XX	Lighting distribution	LOR	IES Class
17	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
23	Pedestrian crossing	100%	Full Cutoff
28	Roadways – Center road installation (Type I)	100%	Full Cutoff

- LOR: optical device performance due to physical shielding.
- The indicated LOR value refers to the Refitting kit only.
- 2x2 modular refractive lenses in PMMA.
- High efficiency reflector made of plastic material for flow recovery and glare reduction.
- Minimum installation height: 3.09 meters.
- Maximum installation height: over 15 meters.

Luminous flux

3000K	System*			LED module		
Cod. YYY	lm	W	lm/W	n.LED	mA	W
1D4	7500	66	114	36	575	59
1D5	9000	85	106	48	545	75
1D6	10500	106	99	48	690	96

Luminous flux

4000K	System*			LED module		
Cod. YYY	lm	W	lm/W	n.LED	mA	W
3D5	9000	73	123	48	475	65
3D6	10500	90	116	48	590	81
3D7	12000	111	108	48	725	101

* 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.
- NTC sensor on LED plate for control of dangerous temperatures.
- Internal heatsink in extruded aluminum.
- Estimated life (EN 62722-2-1, LM80 data): 100,000h L90B10 (Ta = 25°C). Nominal flux reduction Ta=40°C 95%.
- Colour Rendering Index: Ra > 70.
- Chromatic selection within 4 SDCM (4 ellipses of Mac Adam).
- LED efficiency: > di 100 lm/W.
- Photobiological risk (IEC/TR 62778): class RG1 to class RG2 at 3.18m from source.
- Photobiological risk (EN62471): class RG0 over 4.15m.

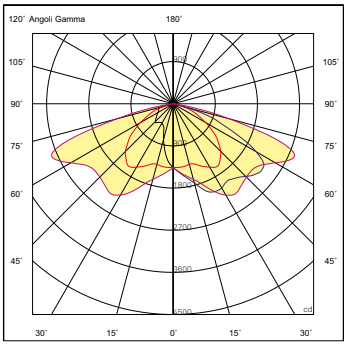
Driver

Cod. ZZ	Driver functions
02	1-10V + NCL (Analogic control + Neri costant lumen)
04	AmpDim + NCL (Flux regolator + Neri costant lumen)
06	DALI + NCL (Digital control + Neri costant lumen)
14	NVL6H + NCL (autodimming -30% x 6h + Neri costant lumen)

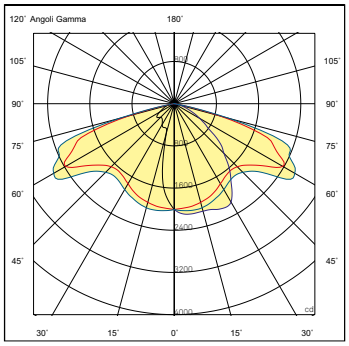
- Programmable electronic power supply with auto self diagnostics functions.
- Standard surge protection for differential/common mode 6kV/10kV (CL I, CL II) and 10kV/10kV (CL I, CL II) in presence of additional protections (on demand).
- Estimated life B10 at 100,000 h.

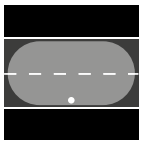
PHOTOMETRIC CURVES

Type IV (NLG 17)
Roadways and mixed areas

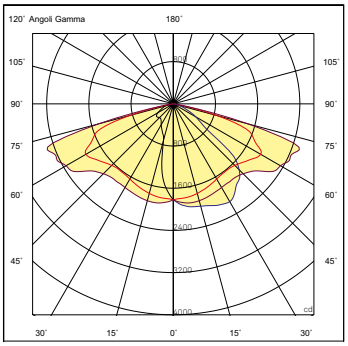


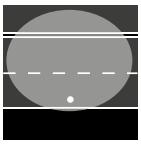
Type II (NLG 20)
Roadways – Side road installation



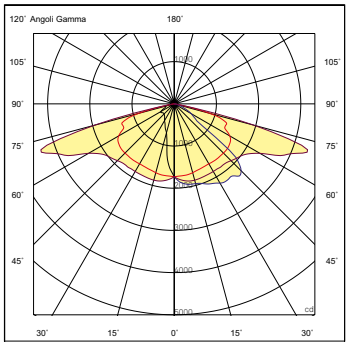


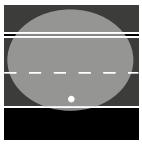
Type III (NLG 21)
Roadways with sidewalk



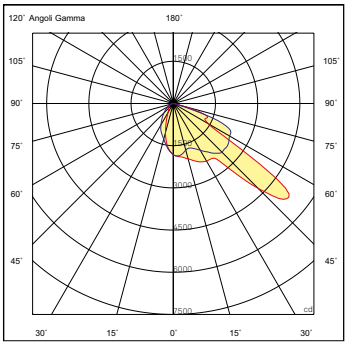


Type III (NLG 22)
Roadways with sidewalk





Ottica mod. 23
Pedestrian crossing



Type I (NLG 28)
Roadways – Center road installation