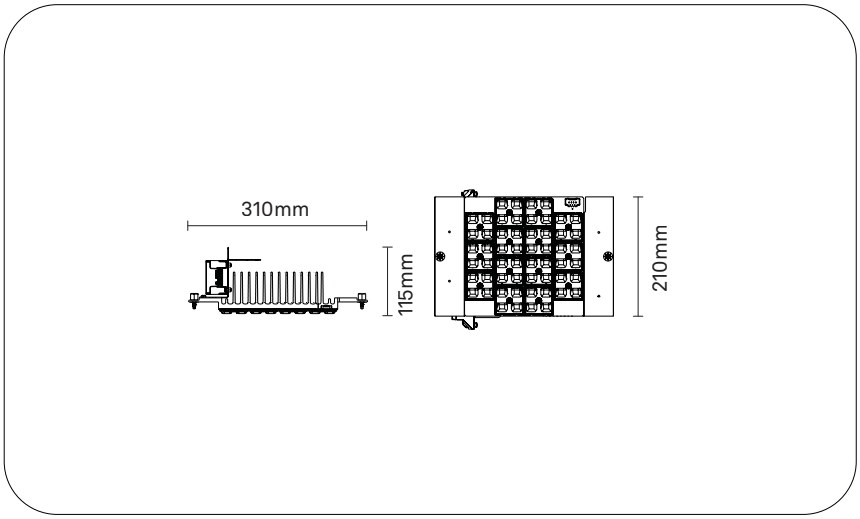
NERI

Project location:	Fixture type: Qty:
Project name:	Notes:

RNC25 | REFITTING KIT





CE IP20 IK00 Classe II

ORDERING INFORMATION / GUIDE

Example: **RNC25-N-D20-730-L075-ST-V1-F02-M2-CW0**

OPTIQUE	RA+K	LUMINOUS FLUX	SCREEN FINISH	POWER SUPPLY	DRIVER FUNCTION	ISO CLASS	FINISH
D28 Type I - Center road	**730** Ra70 3000 K	**L075** 7500 lm	**ST** Transparent	**V1** 220V-240V	**F02** 1-10V+CLO	**M2** Class II	**CW0** White [RAL 9010] Matt
D20 Type II - A	**740** Ra70 4000 K	**L090** 9000 lm			**F06** DALI+CLO		
D21 Type II - A		**L105** 10500 lm			**F04** Ampdim+CLO		
D22 Type III - B		**L120** 12000 lm			**F14** NVL6H+CLO		
D23 Cross walk DX							

Generated code: **RNC25 - N** - _ _ _ - _ _ _ - _ _ _ _ - _ _ - _ _ - _ _ _ - _ _ - _ _ _

CONFIGURATION NOTES
The product features shown in this datasheet cannot always be freely combined.
To verify the configurations actually available and define the corresponding product code, please use the configurator available on our website.

ON REQUEST
Non-standard variants and configurations available upon request. Please contact Neri for further information.

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RNC25 | REFITTING KIT

SOURCE

High-power LED matrix.

Energy-efficiency class: D
LED forward current: 475-725 mA
Power rating: 59-101 W
Nominal Flux: 7500-12000 lm
Nominal CCT (Colour temperature): 3000 K, 4000 K
Color Rendering Index (Ra): 70
Standard Deviation Colour Matching: ≤5
Rated lifetime: L90B10 100000 h @ Tq = 25 °C

LIGHTING CHARACTERISTICS

Modular 2x2 refractive lenses in PMMA.

Optique: Type I - Center road, Type II - A, Type III - B, Cross walk DX
Optical efficiency: LOR = 100% ULOR = 0%
LED quantity: 36, 48
Cutoff Angle: Cutoff, Semi Cutoff C = 5, 25° γ = 44, 70°
Luminous flux: 7500-12000 lm
Luminous efficacy: 99-123 lm/W
Luminous intensity class: G*3, G*4, G*6
IPEA: Road A++ / A5+, Urban A3+ / A6+, Ped A++ / A4+, Park A++ / A4+, Art A4+ / A9+
BUG: B=2-3, U=0, G=1-3
Photobiological safety: RG1 - Low risk

ELECTRICAL CHARACTERISTICS

Compliant with standards EN 60598-1; EN 60598-2-3; EN 62031; EN 55015 EMC; EN 61547 EMC; EN 61000-3-2/3; IEC/TR 62778.

Luminaire power: 66-111 W
Power supply: 220V-240V~ 50/60Hz
Insulation class: Class II
Control type - driver: 1-10V+CLO, DALI+CLO, Ampdim+CLO, NVL6H+CLO
Ambient temperature: -35 °C / +35 °C
Driver included: No

MECHANICAL CHARACTERISTICS

Extruded aluminium housing (UNI EN 1706) with LED module featuring an anodised aluminium heat sink and 2x2 modular refractive PMMA lenses.
Wiring plate in galvanized steel, body supported by galvanized steel, and stainless steel and zinc-plated screws.

Length: 310 mm
Width: 210 mm
Height: 115 mm
Weight: 2.5 kg
Protection degree: IP20
Mechanical resistance: IK00
Finish: White [RAL 9010] Matt

INSTALLATION

The refitting module is designed for fastening on the deck kit.
Deck kits for Neri products can be ordered separately.
For installation on third-party lanterns, please contact the company.
The kit is designed to integrate a pre-existing luminaire and therefore inherits its IP rating and IK rating.

WARNINGS

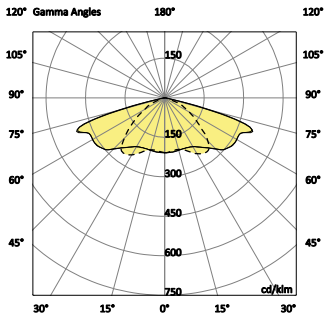
Luminaire designed for disposal/recycling at end-of-life.
Replaceable (LED only) light source by a professional.
Replaceable control gear by a professional.
Protection of surfaces: please refer to the specification on painting procedures of the materials.

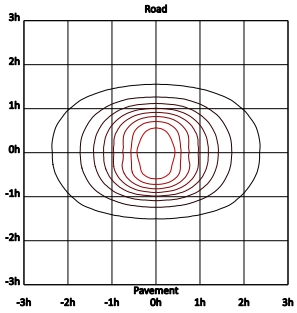
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RNC25 | REFITTING KIT

Optic: Type I - Center road

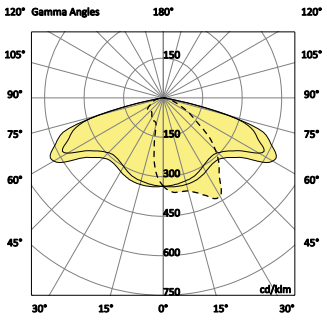
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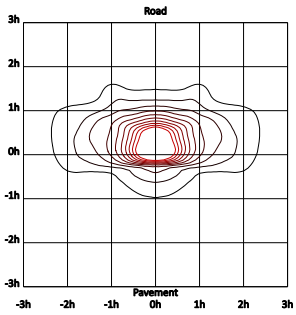




Optic: Type II - A

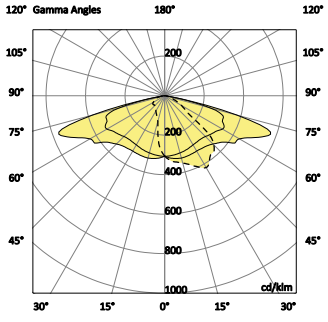
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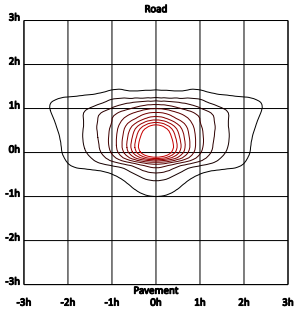




Optic: Type II - A

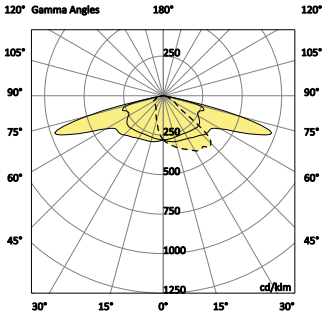
Screen finish: Transparent

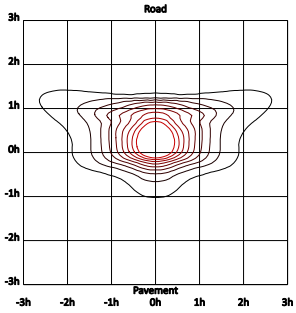




Optic: Type III - B

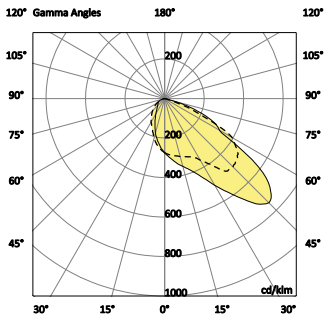
Screen finish: Transparent

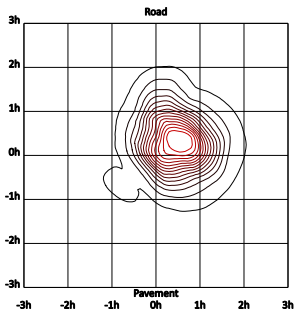




Optic: Cross walk DX

Screen finish: Transparent





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Optic: Type I - Center road

Screen finish: Transparent

System					Source			IPEA				
Luminous Flux	**Nominal CCT**	**W**	**lm/W**	**n° led**	**mA**	**W**	**lm/W**	**Road**	**Urban**	**Ped**	**Park**	**Art**
7500 lm	3000 K	66	114	36	575	59	127	A4+	A5+	A3+	A3+	A7+
9000 lm	3000 K	85	106	48	545	75	120	A3+	A4+	A++	A++	A6+
9000 lm	4000 K	73	123	48	475	65	138	A5+	A6+	A4+	A4+	A9+
10500 lm	3000 K	106	99	48	690	96	109	A	A3+	A	A	A4+
10500 lm	4000 K	90	117	48	590	81	130	A3+	A5+	A++	A++	A6+
12000 lm	4000 K	111	108	48	725	101	119	A++	A4+	A+	A+	A5+

Optic: Type II - A

Screen finish: Transparent

System					Source			IPEA				
Luminous Flux	**Nominal CCT**	**W**	**lm/W**	**n° led**	**mA**	**W**	**lm/W**	**Road**	**Urban**	**Ped**	**Park**	**Art**
7500 lm	3000 K	66	114	36	575	59	127	A4+	A5+	A3+	A3+	A7+
9000 lm	3000 K	85	106	48	545	75	120	A3+	A4+	A++	A++	A6+
9000 lm	4000 K	73	123	48	475	65	138	A5+	A6+	A4+	A4+	A9+
10500 lm	3000 K	106	99	48	690	96	109	A	A3+	A	A	A4+
10500 lm	4000 K	90	117	48	590	81	130	A3+	A5+	A++	A++	A6+
12000 lm	4000 K	111	108	48	725	101	119	A++	A4+	A+	A+	A5+

Optic: Type II - A

Screen finish: Transparent

System					Source			IPEA				
Luminous Flux	**Nominal CCT**	**W**	**lm/W**	**n° led**	**mA**	**W**	**lm/W**	**Road**	**Urban**	**Ped**	**Park**	**Art**
7500 lm	3000 K	66	114	36	575	59	127	A4+	A5+	A3+	A3+	A7+
9000 lm	3000 K	85	106	48	545	75	120	A3+	A4+	A++	A++	A6+
9000 lm	4000 K	73	123	48	475	65	138	A5+	A6+	A4+	A4+	A9+
10500 lm	3000 K	106	99	48	690	96	109	A	A3+	A	A	A4+
10500 lm	4000 K	90	117	48	590	81	130	A3+	A5+	A++	A++	A6+
12000 lm	4000 K	111	108	48	725	101	119	A++	A4+	A+	A+	A5+

Optic: Type III - B

Screen finish: Transparent

System					Source			IPEA				
Luminous Flux	**Nominal CCT**	**W**	**lm/W**	**n° led**	**mA**	**W**	**lm/W**	**Road**	**Urban**	**Ped**	**Park**	**Art**
7500 lm	3000 K	66	114	36	575	59	127	A4+	A5+	A3+	A3+	A7+
9000 lm	3000 K	85	106	48	545	75	120	A3+	A4+	A++	A++	A6+
9000 lm	4000 K	73	123	48	475	65	138	A5+	A6+	A4+	A4+	A9+
10500 lm	3000 K	106	99	48	690	96	109	A	A3+	A	A	A4+
10500 lm	4000 K	90	117	48	590	81	130	A3+	A5+	A++	A++	A6+
12000 lm	4000 K	111	108	48	725	101	119	A++	A4+	A+	A+	A5+

Optic: Cross walk DX

Screen finish: Transparent

System					Source			IPEA				
Luminous Flux	**Nominal CCT**	**W**	**lm/W**	**n° led**	**mA**	**W**	**lm/W**	**Road**	**Urban**	**Ped**	**Park**	**Art**
7500 lm	3000 K	66	114	36	575	59	127	A4+	A5+	A3+	A3+	A7+
9000 lm	3000 K	85	106	48	545	75	120	A3+	A4+	A++	A++	A6+
9000 lm	4000 K	73	123	48	475	65	138	A5+	A6+	A4+	A4+	A9+
10500 lm	3000 K	106	99	48	690	96	109	A	A3+	A	A	A4+
10500 lm	4000 K	90	117	48	590	81	130	A3+	A5+	A++	A++	A6+
12000 lm	4000 K	111	108	48	725	101	119	A++	A4+	A+	A+	A5+

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