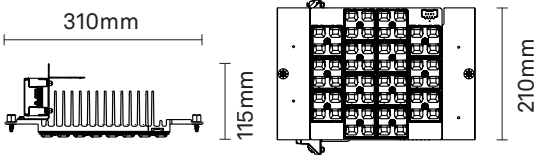


RNC25 | Refitting kit



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.

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.

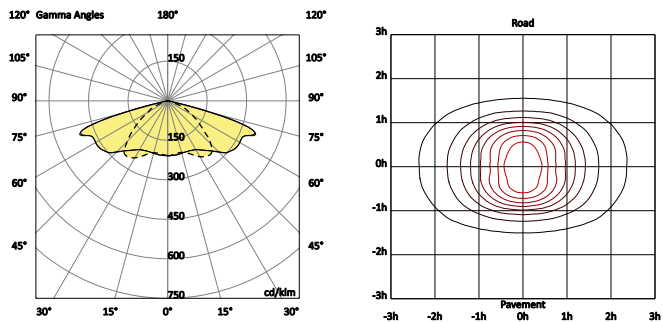
Replaceable control gear by a professional.

Protection of surfaces: please refer to the specification on painting procedures of the materials.

RNC25 | Refitting kit

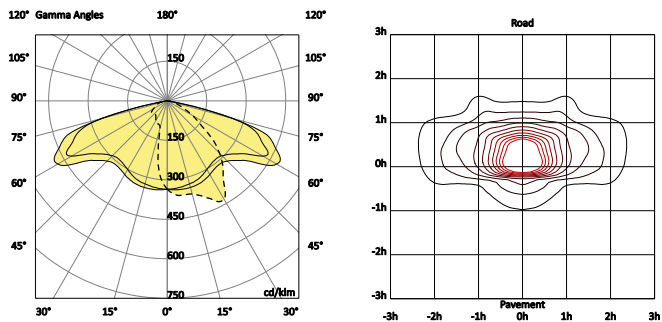
Optic: Type I - Center road

Screen finish: Transparent



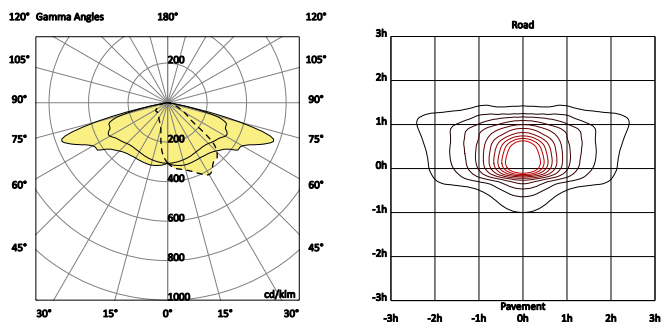
Optic: Type II - A

Screen finish: Transparent



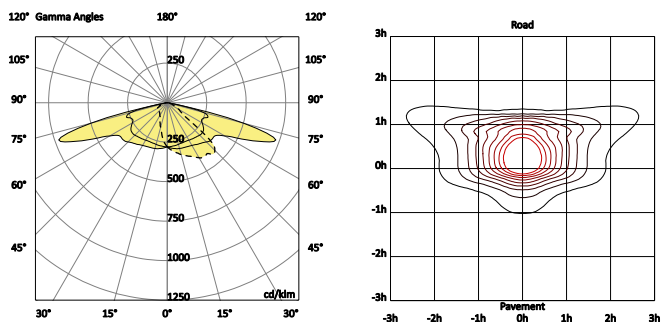
Optic: Type II - A

Screen finish: Transparent



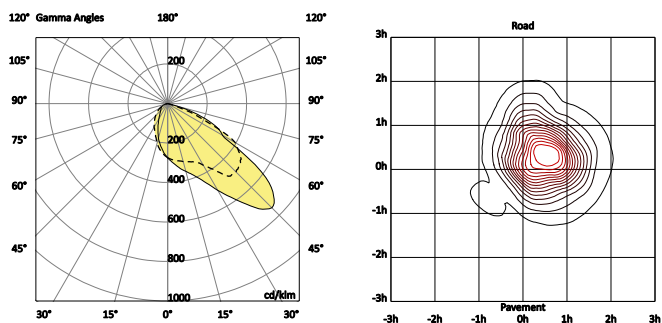
Optic: Type III - B

Screen finish: Transparent



Optic: Cross walk DX

Screen finish: Transparent



RNC25 | Refitting kit

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+

RNC25 | Refitting kit

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+