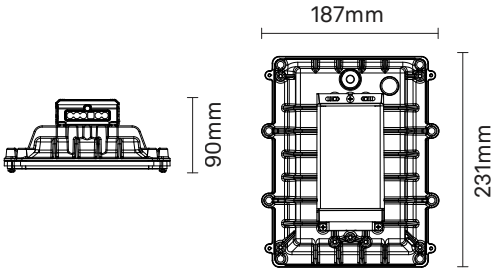


RNC20 | Refitting kit



Ordering Information / Guide

Example: **RNC20-N-D20-730-L035-ST-V1-F22-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	L025 2500 lm	ST Transparent	V1 220V-240V	F27 ON/OFF+CLO	M2 Class II	CW0 White [RAL 9010] Matt
D20 Type II - A	740 Ra70 4000 K	L035 3500 lm			F22 NVLC+CLO		
D21 Type II - A		L045 4500 lm					
D24 Type IV - Forward throw		L060 6000 lm					
D30 Type V - Rotosymmetric		L075 7500 lm					

Generated code: **RNC20 - 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.

RNC20 | Refitting kit

SOURCE

High-power LED matrix.	
Energy-efficiency class	D
LED forward current	358-796 mA
Power rating	16-55.3 W
Nominal Flux	2500-7500 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 IV - Forward throw, Type V - Rotosymmetric
	LOR = 100% ULOR = 0%
Optical efficiency	16, 24
LED quantity	Cutoff, Semi Cutoff C = 0, 45°
Cutoff Angle	γ = 58, 72°
Luminous flux	2500-7500 lm
Luminous efficacy	122-136 lm/W
Luminous intensity class	G*2, G*4, G*6
IPEA	Road A5+ / A7+, Urban A6+ / A8+, Ped A5+ / A7+, Park A5+ / A7+, Art A9+ / A11+
BUG	B=1-3, U=0, G=1-2
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.	
ENEC safety mark.	
Luminaire power	18.4-60.7 W
Power supply	220V-240V~ 50/60Hz
Insulation class	Class II
Control type - driver	ON/OFF+CLO, NVLC+CLO
Ambient temperature	-35 °C / +55 °C
Driver included	No

MECHANICAL CHARACTERISTICS

Structure made of die-cast aluminium (UNI EN 1706) with an integrated heat sink and extra-clear toughened glass protective screen with IK09 impact resistance (EN 62262).	
Polycarbonate frame for mounting the kit to the plate, osmotic valve for internal/external pressure balancing, and provision for auxiliary devices compliant with Zhaga Book 18.	
Body supported by galvanized steel and stainless steel screws.	
Length	231 mm
Width	187 mm
Height	90 mm
Weight	2.5 kg
Protection degree	IP66
Mechanical resistance	IK09
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.

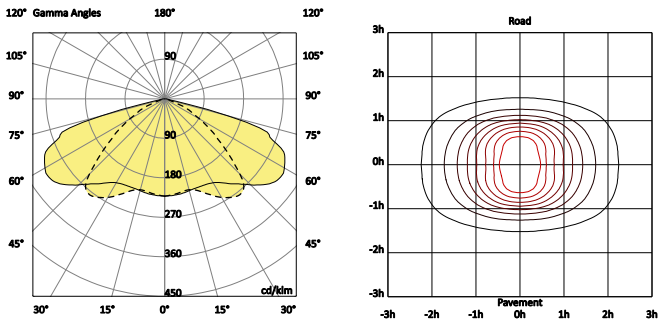
WARNINGS

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.

RNC20 | Refitting kit

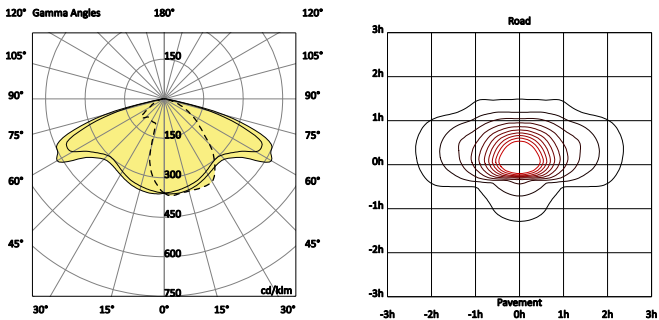
Optic: Type I - Center road

Screen finish: Transparent



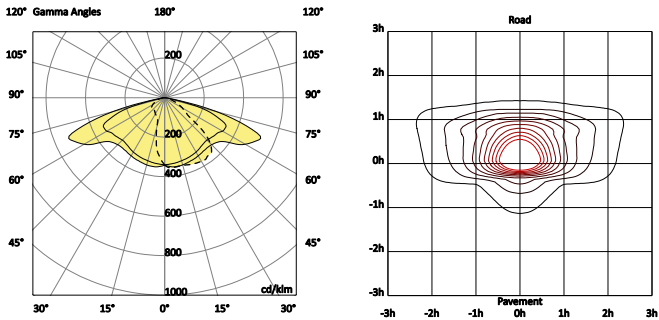
Optic: Type II - A

Screen finish: Transparent



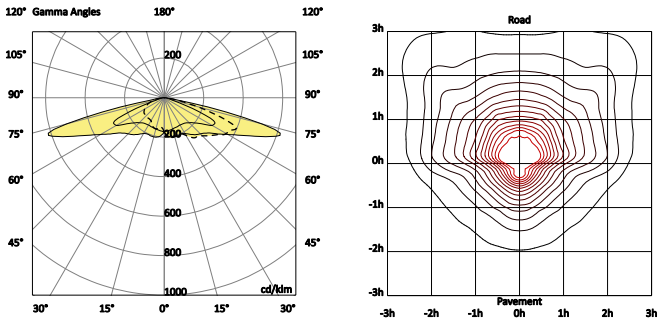
Optic: Type II - A

Screen finish: Transparent



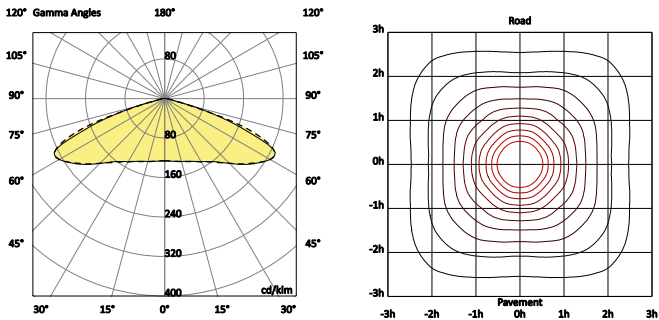
Optic: Type IV - Forward throw

Screen finish: Transparent



Optic: Type V - Rotosymmetric

Screen finish: Transparent



RNC20 | 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
2500 lm	3000 K	19.4	129	16	376	16.9	148	A6+	A7+	A6+	A6+	A10+
2500 lm	4000 K	18.4	136	16	358	16	156	A7+	A8+	A7+	A7+	A11+
3500 lm	3000 K	28.2	124	16	549	25.1	139	A6+	A6+	A5+	A5+	A9+
3500 lm	4000 K	26.7	131	16	521	23.7	148	A6+	A7+	A6+	A6+	A10+
4500 lm	3000 K	35.1	128	24	460	31.3	144	A6+	A7+	A6+	A6+	A10+
4500 lm	4000 K	33.3	135	24	438	29.7	152	A7+	A8+	A7+	A7+	A11+
6000 lm	3000 K	49.1	122	24	642	44.2	136	A5+	A6+	A5+	A5+	A9+
6000 lm	4000 K	46.5	129	24	609	41.8	144	A6+	A7+	A6+	A6+	A10+
7500 lm	4000 K	60.7	124	24	796	55.3	136	A5+	A6+	A5+	A5+	A9+

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
2500 lm	3000 K	19.4	129	16	376	16.9	148	A6+	A7+	A6+	A6+	A10+
2500 lm	4000 K	18.4	136	16	358	16	156	A7+	A8+	A7+	A7+	A11+
3500 lm	3000 K	28.2	124	16	549	25.1	139	A6+	A6+	A5+	A5+	A9+
3500 lm	4000 K	26.7	131	16	521	23.7	148	A6+	A7+	A6+	A6+	A10+
4500 lm	3000 K	35.1	128	24	460	31.3	144	A6+	A7+	A6+	A6+	A10+
4500 lm	4000 K	33.3	135	24	438	29.7	152	A7+	A8+	A7+	A7+	A11+
6000 lm	3000 K	49.1	122	24	642	44.2	136	A5+	A6+	A5+	A5+	A9+
6000 lm	4000 K	46.5	129	24	609	41.8	144	A6+	A7+	A6+	A6+	A10+
7500 lm	4000 K	60.7	124	24	796	55.3	136	A5+	A6+	A5+	A5+	A9+

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
2500 lm	3000 K	19.4	129	16	376	16.9	148	A6+	A7+	A6+	A6+	A10+
2500 lm	4000 K	18.4	136	16	358	16	156	A7+	A8+	A7+	A7+	A11+
3500 lm	3000 K	28.2	124	16	549	25.1	139	A6+	A6+	A5+	A5+	A9+
3500 lm	4000 K	26.7	131	16	521	23.7	148	A6+	A7+	A6+	A6+	A10+
4500 lm	3000 K	35.1	128	24	460	31.3	144	A6+	A7+	A6+	A6+	A10+
4500 lm	4000 K	33.3	135	24	438	29.7	152	A7+	A8+	A7+	A7+	A11+
6000 lm	3000 K	49.1	122	24	642	44.2	136	A5+	A6+	A5+	A5+	A9+
6000 lm	4000 K	46.5	129	24	609	41.8	144	A6+	A7+	A6+	A6+	A10+
7500 lm	4000 K	60.7	124	24	796	55.3	136	A5+	A6+	A5+	A5+	A9+

RNC20 | Refitting kit

Optic: Type IV - Forward throw

Screen finish: Transparent

System					Source			IPEA				
Luminous Flux	Nominal CCT	W	lm/W	n° led	mA	W	lm/W	Road	Urban	Ped	Park	Art
2500 lm	3000 K	19.4	129	16	376	16.9	148	A6+	A7+	A6+	A6+	A10+
2500 lm	4000 K	18.4	136	16	358	16	156	A7+	A8+	A7+	A7+	A11+
3500 lm	3000 K	28.2	124	16	549	25.1	139	A6+	A6+	A5+	A5+	A9+
3500 lm	4000 K	26.7	131	16	521	23.7	148	A6+	A7+	A6+	A6+	A10+
4500 lm	3000 K	35.1	128	24	460	31.3	144	A6+	A7+	A6+	A6+	A10+
4500 lm	4000 K	33.3	135	24	438	29.7	152	A7+	A8+	A7+	A7+	A11+
6000 lm	3000 K	49.1	122	24	642	44.2	136	A5+	A6+	A5+	A5+	A9+
6000 lm	4000 K	46.5	129	24	609	41.8	144	A6+	A7+	A6+	A6+	A10+
7500 lm	4000 K	60.7	124	24	796	55.3	136	A5+	A6+	A5+	A5+	A9+

Optic: Type V - Rotosymmetric

Screen finish: Transparent

System					Source			IPEA				
Luminous Flux	Nominal CCT	W	lm/W	n° led	mA	W	lm/W	Road	Urban	Ped	Park	Art
2500 lm	3000 K	19.4	129	16	376	16.9	148	A6+	A7+	A6+	A6+	A10+
2500 lm	4000 K	18.4	136	16	358	16	156	A7+	A8+	A7+	A7+	A11+
3500 lm	3000 K	28.2	124	16	549	25.1	139	A6+	A6+	A5+	A5+	A9+
3500 lm	4000 K	26.7	131	16	521	23.7	148	A6+	A7+	A6+	A6+	A10+
4500 lm	3000 K	35.1	128	24	460	31.3	144	A6+	A7+	A6+	A6+	A10+
4500 lm	4000 K	33.3	135	24	438	29.7	152	A7+	A8+	A7+	A7+	A11+
6000 lm	3000 K	49.1	122	24	642	44.2	136	A5+	A6+	A5+	A5+	A9+
6000 lm	4000 K	46.5	129	24	609	41.8	144	A6+	A7+	A6+	A6+	A10+
7500 lm	4000 K	60.7	124	24	796	55.3	136	A5+	A6+	A5+	A5+	A9+