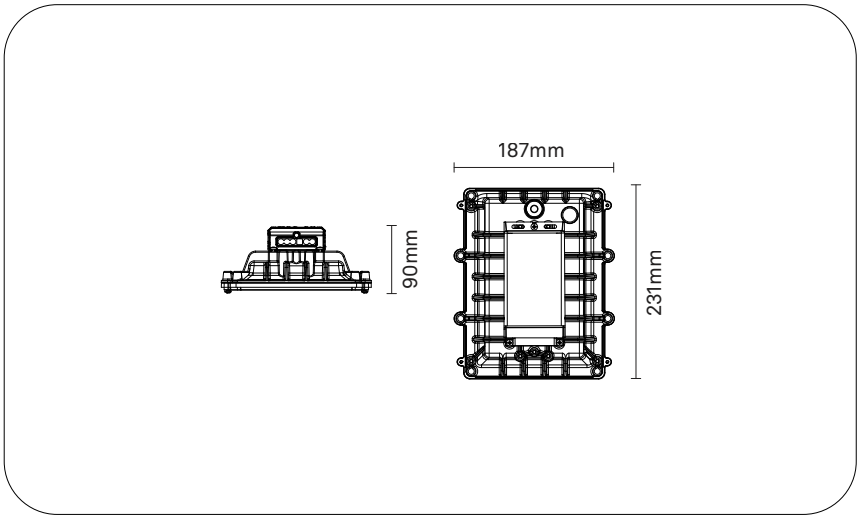
NERI

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

RNC20 | REFITTING KIT





CE 15 IP66 IK09 Classe II

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.

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

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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
Optical efficiency: LOR = 100% ULOR = 0%
LED quantity: 16, 24
Cutoff Angle: Cutoff, Semi Cutoff C = 0, 45° 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.

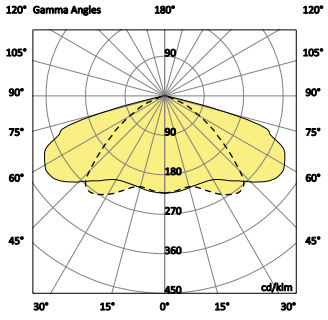
WARNINGS
Luminaire designed for disposal/recycling at end-of-life.
Replaceable (LED only) light source by a professional.
Replaceable control gear by a professional.
Protection of surfaces: please refer to the specification on painting procedures of the materials.

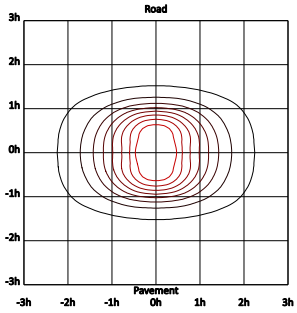
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RNC20 | REFITTING KIT

Optic: Type I - Center road

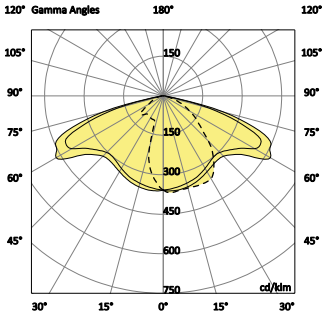
Screen finish: Transparent

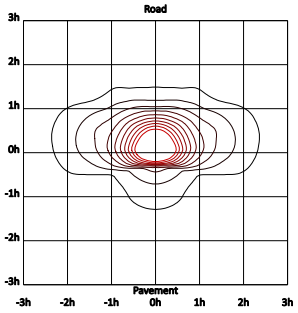




Optic: Type II - A

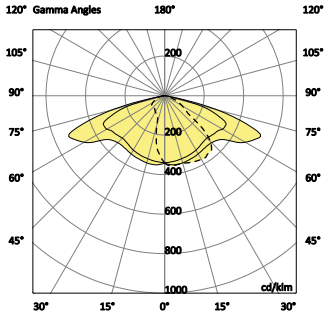
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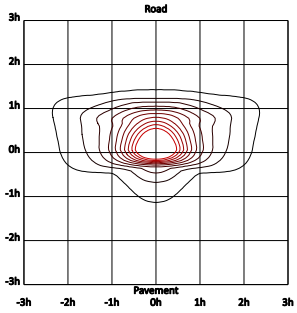




Optic: Type II - A

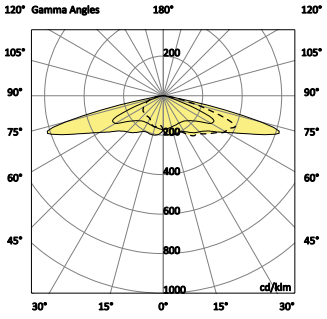
Screen finish: Transparent

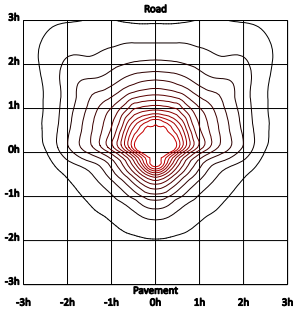




Optic: Type IV - Forward throw

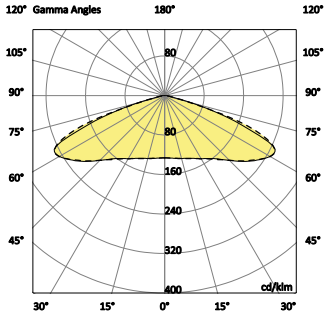
Screen finish: Transparent

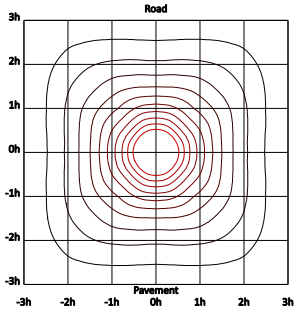




Optic: Type V - Rotosymmetric

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**
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+

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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+

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