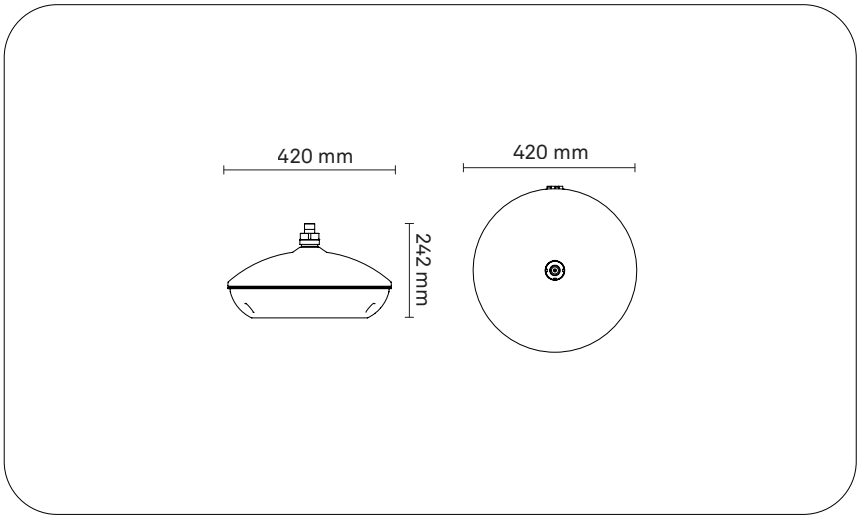
NERI

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

LIGHT 103 | LUMINAIRE





CE IP66 IK09 Classe II

ORDERING INFORMATION / GUIDE

Example**: SN103-N-D20-730-L015-ST-V1-F02-M2-CN0**

OPTIQUE	RA+K	LUMINOUS FLUX	SCREEN FINISH	POWER SUPPLY	DRIVER FUNCTION	ISO CLASS	FINISH
D28 Type I - Center road	**730** Ra70 3000 K	**L015** 1500 lm	**ST** Transparent	**V1** 220V-240V	**F02** 1-10V+CLO	**M2** Class II	**CN0** Grey [Neri] Textured
D20 Type II - A	**740** Ra70 4000 K	**L025** 2500 lm			**F06** DALI+CLO		
D21 Type II - A		**L035** 3500 lm			**F04** Ampdim+CLO		
D24 Type IV - Forward throw		**L045** 4500 lm			**F14** NVL6H+CLO		
D30 Type V - Rotosymmetric		**L060** 6000 lm					
		L075 7500 lm					

Generated code: **SN103 - N** - _ _ _ - _ _ _ - _ _ _ _ - _ _ - _ _ - _ _ _ - _ _ - _ _ _

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

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LIGHT 103 | LUMINAIRE

SOURCE
High-power LED matrix.

Energy-efficiency class: D
LED forward current: 211-606 mA
Power rating: 9-56 W
Nominal Flux: 1500-7500 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, 32
Cutoff Angle: Semi Cutoff C = 0, 50° γ = 68, 74°
Luminous flux: 1500-7500 lm
Luminous efficacy: 117-133 lm/W
Luminous intensity class: G*2, G*3, G*4, G*6
IPEA: Road A5+ / A7+, Urban A5+ / A7+, Ped A4+ / A6+, Park A4+ / A6+, Art A8+ / A11+
BUG: B=1-3, U=0, G=0-2
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: 11.3-62.8 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
Aluminium cast housing (UNI EN 1706) with circular top frame featuring a G3/4" threaded tube and internal PG16 cable gland.
Circular lower frame, hinged for access to the optical compartment and auxiliary components.
Extra-clear tempered glass screen with IK09 impact resistance (EN 62262) and internal white polycarbonate reflector.
Stainless steel fastening elements and compartment prepared for additional surge protectors or remote control systems.

Diameter: 420 mm
Height: 242 mm
Weight: 8 kg
Wind-exposed area: 0.03 m²
Protection degree: IP66
Mechanical resistance: IK09
Finish: Grey [Neri] Textured

INSTALLATION
Suspended: threaded connection G3/4".

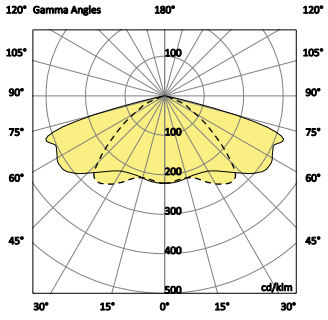
WARNINGS
Luminaire designed for disposal/recycling at end-of-life.
Replaceable (LED only) light source by a professional.
Replaceable control gear by a professional.
Protection of surfaces: please refer to the specification on painting procedures of the materials.

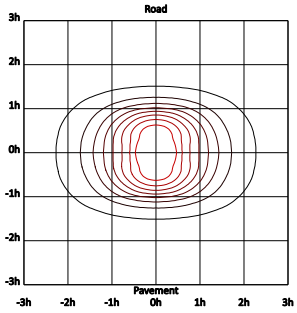
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LIGHT 103 | LUMINAIRE

Optic: Type I - Center road

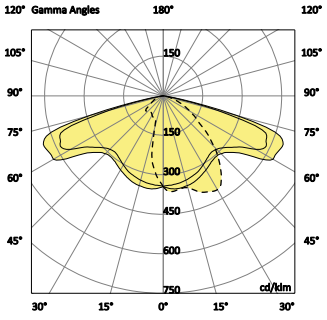
Screen finish: Transparent

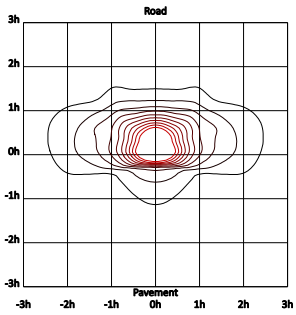




Optic: Type II - A

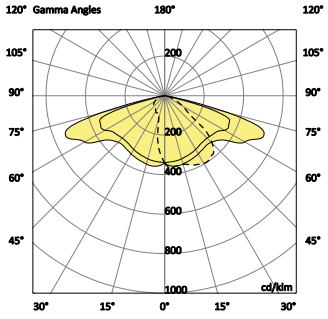
Screen finish: Transparent

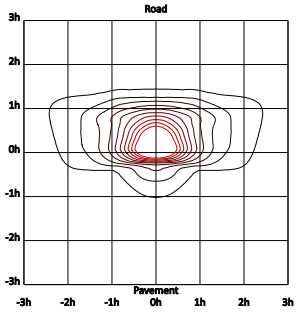




Optic: Type II - A

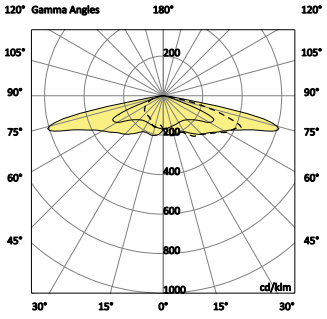
Screen finish: Transparent

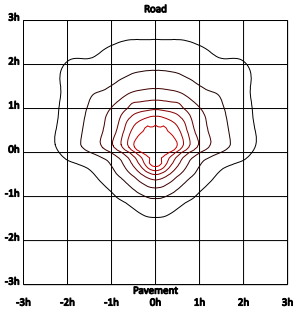




Optic: Type IV - Forward throw

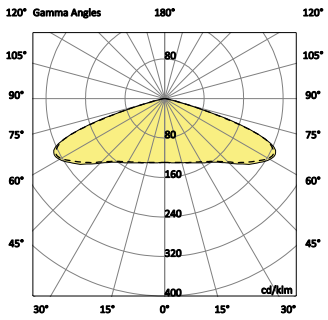
Screen finish: Transparent

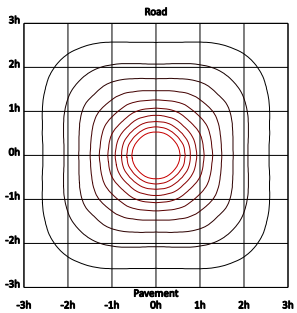




Optic: Type V - Rotosymmetric

Screen finish: Transparent





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LIGHT 103 | LUMINAIRE

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**
1500 lm	3000 K	11.9	126	16	222	10	150	A6+	A7+	A5+	A5+	A10+
1500 lm	4000 K	11.3	133	16	211	9	167	A7+	A7+	A6+	A6+	A11+
2500 lm	3000 K	20.6	121	16	384	17	147	A5+	A6+	A5+	A5+	A9+
2500 lm	4000 K	19.5	128	16	364	16	156	A6+	A7+	A6+	A6+	A10+
3500 lm	3000 K	29.9	117	16	560	26	135	A5+	A5+	A4+	A4+	A8+
3500 lm	4000 K	28.2	124	16	530	24	146	A6+	A6+	A5+	A5+	A9+
4500 lm	3000 K	36.5	123	24	470	32	141	A5+	A6+	A5+	A5+	A9+
4500 lm	4000 K	34.5	130	24	445	30	150	A6+	A7+	A6+	A6+	A10+
6000 lm	3000 K	49.2	122	32	470	43	140	A5+	A6+	A5+	A5+	A9+
6000 lm	4000 K	46.6	129	32	445	41	146	A6+	A7+	A6+	A6+	A10+
7500 lm	3000 K	62.8	119	32	606	56	134	A5+	A6+	A4+	A4+	A8+
7500 lm	4000 K	59.3	126	32	573	53	142	A6+	A7+	A5+	A5+	A10+

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**
1500 lm	3000 K	11.9	126	16	222	10	150	A6+	A7+	A5+	A5+	A10+
1500 lm	4000 K	11.3	133	16	211	9	167	A7+	A7+	A6+	A6+	A11+
2500 lm	3000 K	20.6	121	16	384	17	147	A5+	A6+	A5+	A5+	A9+
2500 lm	4000 K	19.5	128	16	364	16	156	A6+	A7+	A6+	A6+	A10+
3500 lm	3000 K	29.9	117	16	560	26	135	A5+	A5+	A4+	A4+	A8+
3500 lm	4000 K	28.2	124	16	530	24	146	A6+	A6+	A5+	A5+	A9+
4500 lm	3000 K	36.5	123	24	470	32	141	A5+	A6+	A5+	A5+	A9+
4500 lm	4000 K	34.5	130	24	445	30	150	A6+	A7+	A6+	A6+	A10+
6000 lm	3000 K	49.2	122	32	470	43	140	A5+	A6+	A5+	A5+	A9+
6000 lm	4000 K	46.6	129	32	445	41	146	A6+	A7+	A6+	A6+	A10+
7500 lm	3000 K	62.8	119	32	606	56	134	A5+	A6+	A4+	A4+	A8+
7500 lm	4000 K	59.3	126	32	573	53	142	A6+	A7+	A5+	A5+	A10+

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**
1500 lm	3000 K	11.9	126	16	222	10	150	A6+	A7+	A5+	A5+	A10+
1500 lm	4000 K	11.3	133	16	211	9	167	A7+	A7+	A6+	A6+	A11+
2500 lm	3000 K	20.6	121	16	384	17	147	A5+	A6+	A5+	A5+	A9+
2500 lm	4000 K	19.5	128	16	364	16	156	A6+	A7+	A6+	A6+	A10+
3500 lm	3000 K	29.9	117	16	560	26	135	A5+	A5+	A4+	A4+	A8+
3500 lm	4000 K	28.2	124	16	530	24	146	A6+	A6+	A5+	A5+	A9+
4500 lm	3000 K	36.5	123	24	470	32	141	A5+	A6+	A5+	A5+	A9+
4500 lm	4000 K	34.5	130	24	445	30	150	A6+	A7+	A6+	A6+	A10+
6000 lm	3000 K	49.2	122	32	470	43	140	A5+	A6+	A5+	A5+	A9+
6000 lm	4000 K	46.6	129	32	445	41	146	A6+	A7+	A6+	A6+	A10+
7500 lm	3000 K	62.8	119	32	606	56	134	A5+	A6+	A4+	A4+	A8+
7500 lm	4000 K	59.3	126	32	573	53	142	A6+	A7+	A5+	A5+	A10+

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LIGHT 103 | LUMINAIRE

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**
1500 lm	3000 K	11.9	126	16	222	10	150	A6+	A7+	A5+	A5+	A10+
1500 lm	4000 K	11.3	133	16	211	9	167	A7+	A7+	A6+	A6+	A11+
2500 lm	3000 K	20.6	121	16	384	17	147	A5+	A6+	A5+	A5+	A9+
2500 lm	4000 K	19.5	128	16	364	16	156	A6+	A7+	A6+	A6+	A10+
3500 lm	3000 K	29.9	117	16	560	26	135	A5+	A5+	A4+	A4+	A8+
3500 lm	4000 K	28.2	124	16	530	24	146	A6+	A6+	A5+	A5+	A9+
4500 lm	3000 K	36.5	123	24	470	32	141	A5+	A6+	A5+	A5+	A9+
4500 lm	4000 K	34.5	130	24	445	30	150	A6+	A7+	A6+	A6+	A10+
6000 lm	3000 K	49.2	122	32	470	43	140	A5+	A6+	A5+	A5+	A9+
6000 lm	4000 K	46.6	129	32	445	41	146	A6+	A7+	A6+	A6+	A10+
7500 lm	3000 K	62.8	119	32	606	56	134	A5+	A6+	A4+	A4+	A8+
7500 lm	4000 K	59.3	126	32	573	53	142	A6+	A7+	A5+	A5+	A10+

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**
1500 lm	3000 K	11.9	126	16	222	10	150	A6+	A7+	A5+	A5+	A10+
1500 lm	4000 K	11.3	133	16	211	9	167	A7+	A7+	A6+	A6+	A11+
2500 lm	3000 K	20.6	121	16	384	17	147	A5+	A6+	A5+	A5+	A9+
2500 lm	4000 K	19.5	128	16	364	16	156	A6+	A7+	A6+	A6+	A10+
3500 lm	3000 K	29.9	117	16	560	26	135	A5+	A5+	A4+	A4+	A8+
3500 lm	4000 K	28.2	124	16	530	24	146	A6+	A6+	A5+	A5+	A9+
4500 lm	3000 K	36.5	123	24	470	32	141	A5+	A6+	A5+	A5+	A9+
4500 lm	4000 K	34.5	130	24	445	30	150	A6+	A7+	A6+	A6+	A10+
6000 lm	3000 K	49.2	122	32	470	43	140	A5+	A6+	A5+	A5+	A9+
6000 lm	4000 K	46.6	129	32	445	41	146	A6+	A7+	A6+	A6+	A10+
7500 lm	3000 K	62.8	119	32	606	56	134	A5+	A6+	A4+	A4+	A8+
7500 lm	4000 K	59.3	126	32	573	53	142	A6+	A7+	A5+	A5+	A10+

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