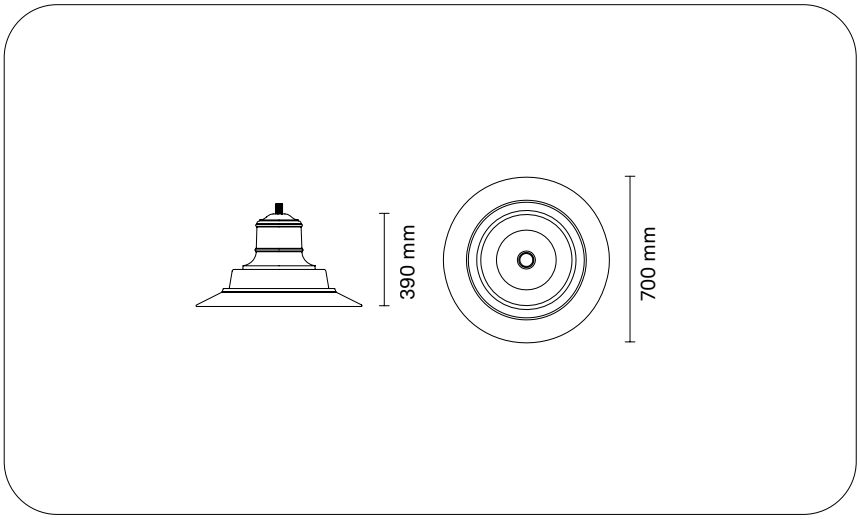
NERI

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

LIGHT 22 | LUMINAIRE





CE IP66 IK09 Classe II

ORDERING INFORMATION / GUIDE

Example: **SN223-N-D20-730-L060-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	**L060** 6000 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	**L075** 7500 lm			**F06** DALI+CLO		
D21 Type II - A		**L090** 9000 lm			**F04** Ampdim+CLO		
D22 Type III - B		**L105** 10500 lm			**F14** NVL6H+CLO		
D24 Type IV - Forward throw		**L120** 12000 lm					
D30 Type V - Rotosymmetric							
D23 Cross walk DX							

Generated code: **SN223 - N** - _ _ _ - _ _ _ - _ _ _ _ - _ _ - _ _ - _ _ _ - _ _ - _ _ _

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

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LIGHT 22 | LUMINAIRE

SOURCE
High-power LED matrix.

Energy-efficiency class: D
LED forward current: 394-661 mA
Power rating: 42-101 W
Nominal Flux: 6000-12000 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, Type IV - Forward throw, Type V - Rotosymmetric, Cross walk DX
Optical efficiency: LOR = 88-100% ULOR = 0%
LED quantity: 36, 48
Cutoff Angle: Cutoff, Semi Cutoff C = 0, 50° γ = 50, 74°
Luminous flux: 5293-12000 lm
Luminous efficacy: 87-129 lm/W
Luminous intensity class: G*2, G*3, G*4, G*6
IPEA: Road B / A6+, Urban A++ / A7+, Ped B / A6+, Park B / A6+, Art A++ / A10+
BUG: B=1-4, 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: 49-111 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 / +40 °C
Driver included: No

MECHANICAL CHARACTERISTICS
Structure made of die-cast and sheet aluminium (UNI EN 1706) with a tilting frame for access to the electrical and optical auxiliary compartment.
Screen in extra-clear tempered glass with IK08 impact resistance (EN 62262), extruded aluminium heat sink, neoprene gaskets, and fastening elements in brass and stainless steel.
Body supported by galvanized steel sheet.

Diameter: 700 mm
Height: 390 mm
Weight: 11 kg
Wind-exposed area: 0.12 m²
Protection degree: IP66
Mechanical resistance: IK09
Finish: Grey [Neri] Textured

INSTALLATION
Suspended: threaded connection G3/4".

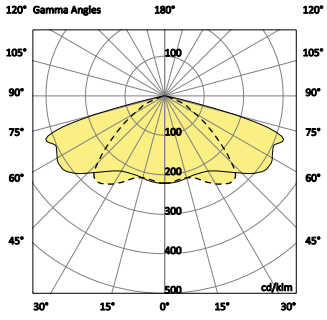
WARNINGS
Luminaire designed for disposal/recycling at end-of-life.
Replaceable (LED only) light source by a professional.
Replaceable control gear by a professional.
Protection of surfaces: please refer to the specification on painting procedures of the materials.

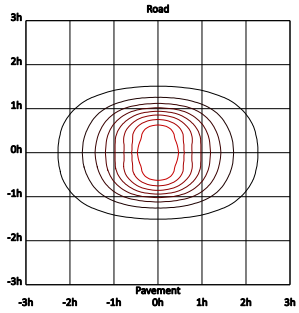
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LIGHT 22 | LUMINAIRE

Optic: Type I - Center road

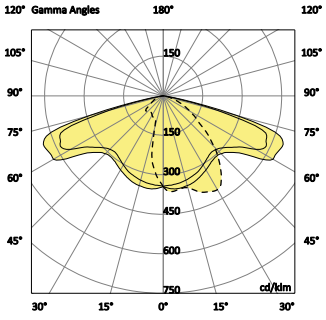
Screen finish: Transparent

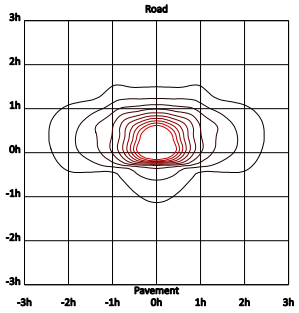




Optic: Type II - A

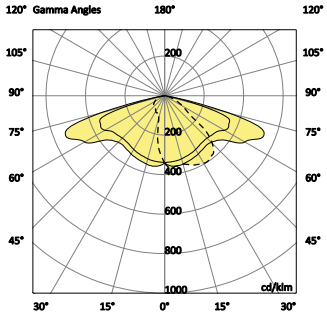
Screen finish: Transparent

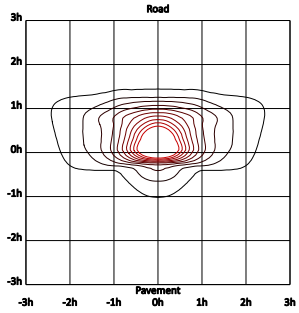




Optic: Type II - A

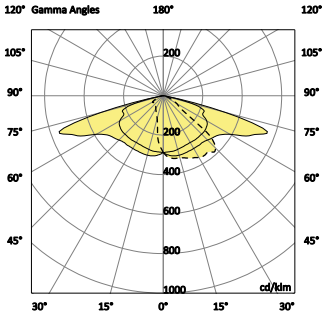
Screen finish: Transparent

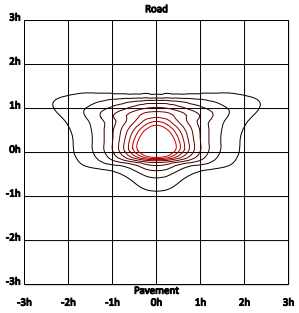




Optic: Type III - B

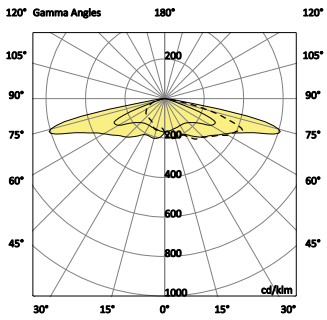
Screen finish: Transparent

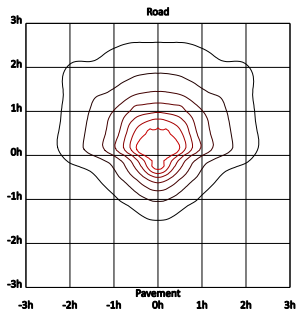




Optic: Type IV - Forward throw

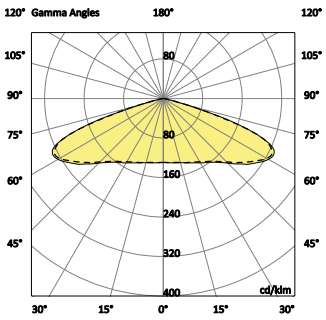
Screen finish: Transparent

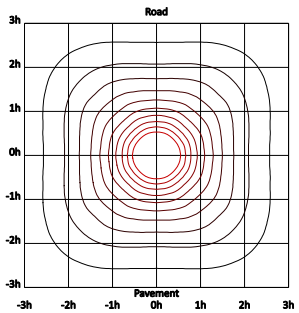




Optic: Type V - Rotosymmetric

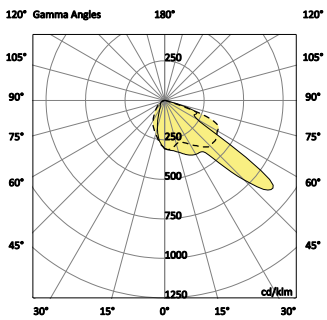
Screen finish: Transparent

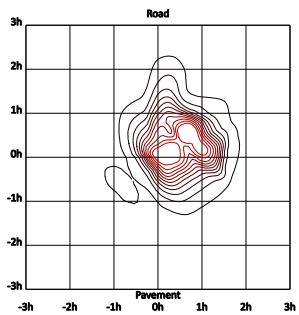




Optic: Cross walk DX

Screen finish: Transparent





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LIGHT 22 | 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**
6000 lm	3000 K	53	113	36	416	46	130	A4+	A5+	A4+	A4+	A7+
6000 lm	4000 K	49	122	36	394	42	143	A5+	A6+	A5+	A5+	A9+
7500 lm	3000 K	66	114	36	435	59	127	A4+	A5+	A3+	A3+	A7+
7500 lm	4000 K	58	129	36	506	52	144	A6+	A7+	A6+	A6+	A10+
9000 lm	3000 K	85	106	48	661	75	120	A3+	A4+	A++	A++	A6+
9000 lm	4000 K	73	123	48	625	65	138	A5+	A6+	A4+	A4+	A9+
10500 lm	3000 K	106	99	48	566	96	109	A	A3+	A	A	A4+
10500 lm	4000 K	90	117	48	535	81	130	A3+	A5+	A++	A++	A6+
12000 lm	3000 K	111	108	48	661	101	119	A++	A4+	A+	A+	A5+
12000 lm	4000 K	111	108	48	625	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**
6000 lm	3000 K	53	113	36	416	46	130	A4+	A5+	A4+	A4+	A7+
6000 lm	4000 K	49	122	36	394	42	143	A5+	A6+	A5+	A5+	A9+
7500 lm	3000 K	66	114	36	435	59	127	A4+	A5+	A3+	A3+	A7+
7500 lm	4000 K	58	129	36	506	52	144	A6+	A7+	A6+	A6+	A10+
9000 lm	3000 K	85	106	48	661	75	120	A3+	A4+	A++	A++	A6+
9000 lm	4000 K	73	123	48	625	65	138	A5+	A6+	A4+	A4+	A9+
10500 lm	3000 K	106	99	48	566	96	109	A	A3+	A	A	A4+
10500 lm	4000 K	90	117	48	535	81	130	A3+	A5+	A++	A++	A6+
12000 lm	3000 K	111	108	48	661	101	119	A++	A4+	A+	A+	A5+
12000 lm	4000 K	111	108	48	625	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**
6000 lm	3000 K	53	113	36	416	46	130	A4+	A5+	A4+	A4+	A7+
6000 lm	4000 K	49	122	36	394	42	143	A5+	A6+	A5+	A5+	A9+
7500 lm	3000 K	66	114	36	435	59	127	A4+	A5+	A3+	A3+	A7+
7500 lm	4000 K	58	129	36	506	52	144	A6+	A7+	A6+	A6+	A10+
9000 lm	3000 K	85	106	48	661	75	120	A3+	A4+	A++	A++	A6+
9000 lm	4000 K	73	123	48	625	65	138	A5+	A6+	A4+	A4+	A9+
10500 lm	3000 K	106	99	48	566	96	109	A	A3+	A	A	A4+
10500 lm	4000 K	90	117	48	535	81	130	A3+	A5+	A++	A++	A6+
12000 lm	3000 K	111	108	48	661	101	119	A++	A4+	A+	A+	A5+
12000 lm	4000 K	111	108	48	625	101	119	A++	A4+	A+	A+	A5+

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LIGHT 22 | LUMINAIRE

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**
6000 lm	3000 K	53	100	36	416	46	130	A++	A3+	A++	A++	A5+
6000 lm	4000 K	49	108	36	394	42	143	A3+	A4+	A3+	A3+	A7+
7500 lm	3000 K	66	100	36	435	59	127	A++	A3+	A+	A+	A5+
7500 lm	4000 K	58	114	36	506	52	144	A4+	A5+	A4+	A4+	A8+
9000 lm	3000 K	85	93	48	661	75	120	A+	A++	A	A	A4+
9000 lm	4000 K	73	109	48	625	65	138	A3+	A4+	A++	A++	A7+
10500 lm	3000 K	106	87	48	566	96	109	B	A+	B	B	A++
10500 lm	4000 K	90	103	48	535	81	130	A+	A3+	A+	A+	A4+
12000 lm	3000 K	111	95	48	661	101	119	A	A++	A	A	A3+
12000 lm	4000 K	111	95	48	625	101	119	A	A++	A	A	A3+

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**
6000 lm	3000 K	53	113	36	416	46	130	A4+	A5+	A4+	A4+	A7+
6000 lm	4000 K	49	122	36	394	42	143	A5+	A6+	A5+	A5+	A9+
7500 lm	3000 K	66	114	36	435	59	127	A4+	A5+	A3+	A3+	A7+
7500 lm	4000 K	58	129	36	506	52	144	A6+	A7+	A6+	A6+	A10+
9000 lm	3000 K	85	106	48	661	75	120	A3+	A4+	A++	A++	A6+
9000 lm	4000 K	73	123	48	625	65	138	A5+	A6+	A4+	A4+	A9+
10500 lm	3000 K	106	99	48	566	96	109	A	A3+	A	A	A4+
10500 lm	4000 K	90	117	48	535	81	130	A3+	A5+	A++	A++	A6+
12000 lm	3000 K	111	108	48	661	101	119	A++	A4+	A+	A+	A5+
12000 lm	4000 K	111	108	48	625	101	119	A++	A4+	A+	A+	A5+

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**
6000 lm	3000 K	53	113	36	416	46	130	A4+	A5+	A4+	A4+	A7+
6000 lm	4000 K	49	122	36	394	42	143	A5+	A6+	A5+	A5+	A9+
7500 lm	3000 K	66	114	36	435	59	127	A4+	A5+	A3+	A3+	A7+
7500 lm	4000 K	58	129	36	506	52	144	A6+	A7+	A6+	A6+	A10+
9000 lm	3000 K	85	106	48	661	75	120	A3+	A4+	A++	A++	A6+
9000 lm	4000 K	73	123	48	625	65	138	A5+	A6+	A4+	A4+	A9+
10500 lm	3000 K	106	99	48	566	96	109	A	A3+	A	A	A4+
10500 lm	4000 K	90	117	48	535	81	130	A3+	A5+	A++	A++	A6+
12000 lm	3000 K	111	108	48	661	101	119	A++	A4+	A+	A+	A5+
12000 lm	4000 K	111	108	48	625	101	119	A++	A4+	A+	A+	A5+

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LIGHT 22 | LUMINAIRE

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**
6000 lm	3000 K	53	105	36	416	46	130	A3+	A4+	A3+	A3+	A6+
6000 lm	4000 K	49	114	36	394	42	143	A4+	A5+	A4+	A4+	A7+
7500 lm	3000 K	66	105	36	435	59	127	A3+	A4+	A++	A++	A6+
7500 lm	4000 K	58	120	36	506	52	144	A5+	A6+	A4+	A4+	A8+
9000 lm	3000 K	85	98	48	661	75	120	A++	A3+	A+	A+	A5+
9000 lm	4000 K	73	114	48	625	65	138	A4+	A5+	A3+	A3+	A8+
10500 lm	3000 K	106	92	48	566	96	109	A	A++	B	B	A3+
10500 lm	4000 K	90	108	48	535	81	130	A++	A4+	A+	A+	A5+
12000 lm	3000 K	111	100	48	661	101	119	A+	A3+	A	A	A4+
12000 lm	4000 K	111	100	48	625	101	119	A+	A3+	A	A	A4+

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