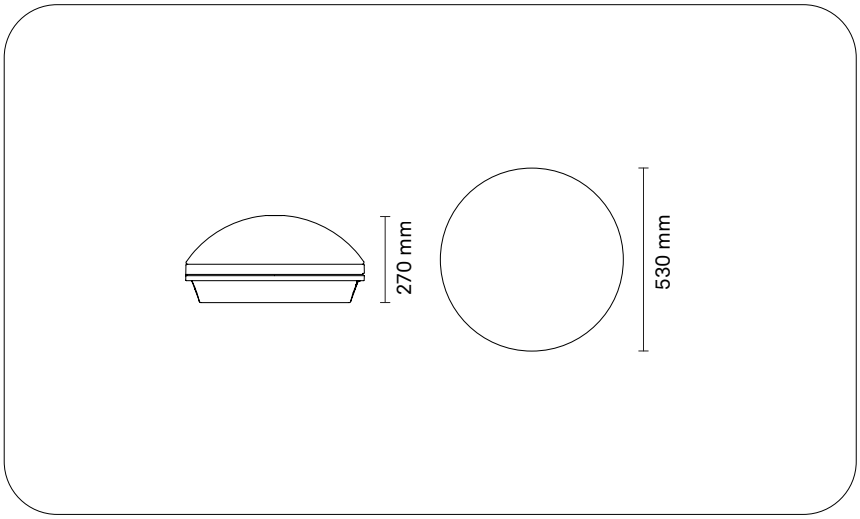
NERI

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

LIGHT 34 | LUMINAIRE | LATERAL





CE IP66 IK09 Classe II

ORDERING INFORMATION / GUIDE

Example: **CN343-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: **CN343 - N** - _ _ _ - _ _ _ - _ _ _ _ - _ _ - _ _ - _ _ _ - _ _ - _ _ _

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

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LIGHT 34 | LUMINAIRE | LATERAL

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 = 100% ULOR = 0%
LED quantity: 36, 48
Cutoff Angle: Cutoff, Semi Cutoff C = 0, 50° γ = 48, 74°
Luminous flux: 6000-12000 lm
Luminous efficacy: 99-129 lm/W
Luminous intensity class: G*2, G*3, G*4, G*6
IPEA: Road A++ / A6+, Urban A3+ / A7+, Ped A++ / A6+, Park A++ / A6+, Art A4+ / 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.
Extra-clear tempered glass screen with IK08 impact resistance (EN 62262), extruded aluminium heat sink, and brass fitting.
Silicone gasket between upper and lower frame and stainless steel fastening elements, supported by galvanized steel sheet.

Diameter: 530 mm
Height: 270 mm
Weight: 11.5 kg
Wind-exposed area: 0.11 m²
Protection degree: IP66
Mechanical resistance: IK09
Finish: Grey [Neri] Textured

INSTALLATION

Side mounting.

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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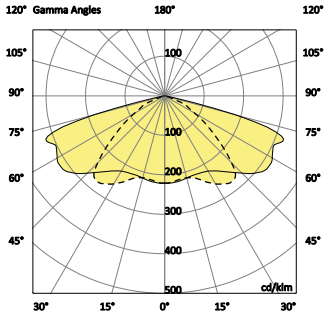
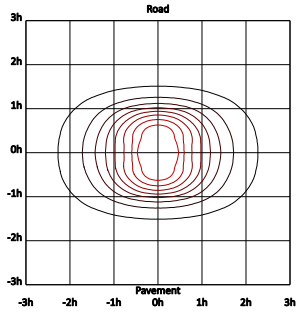
LIGHT 34 | LUMINAIRE | LATERAL

Optic: Type I - Center road

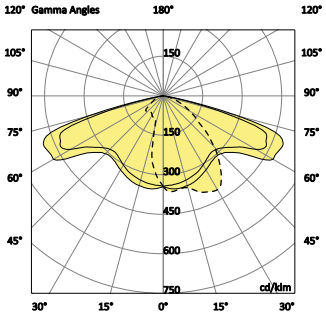
Screen finish: Transparent

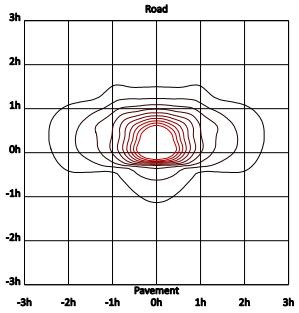




Optic: Type II - A

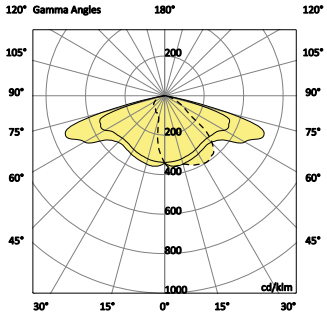
Screen finish: Transparent

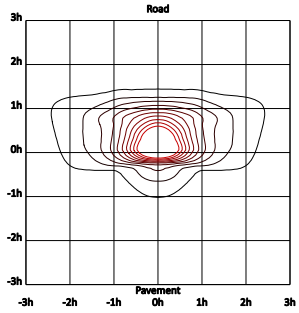




Optic: Type II - A

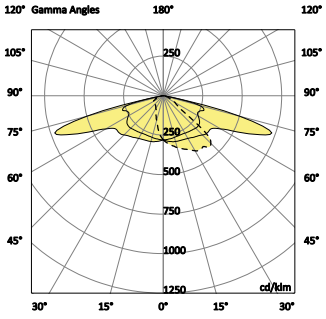
Screen finish: Transparent

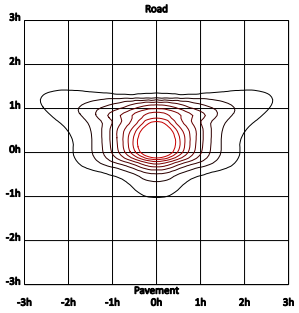




Optic: Type III - B

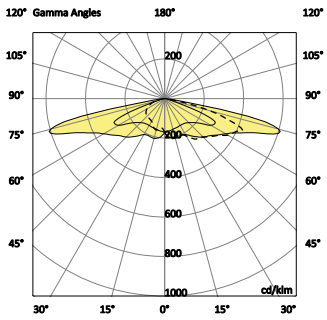
Screen finish: Transparent

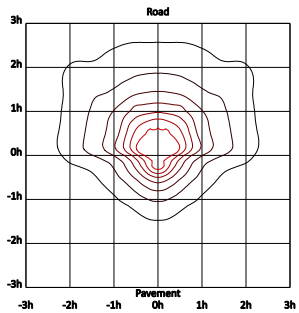




Optic: Type IV - Forward throw

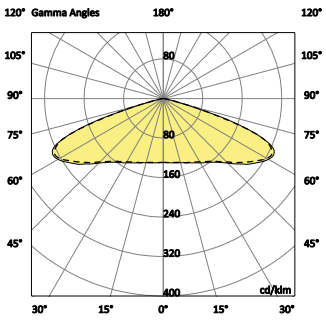
Screen finish: Transparent

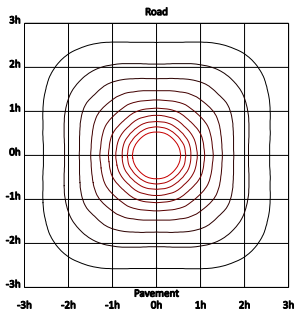




Optic: Type V - Rotosymmetric

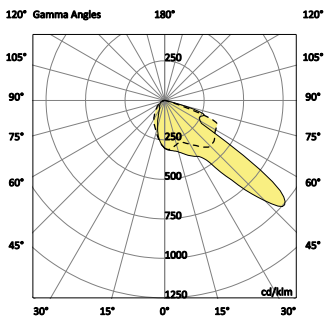
Screen finish: Transparent

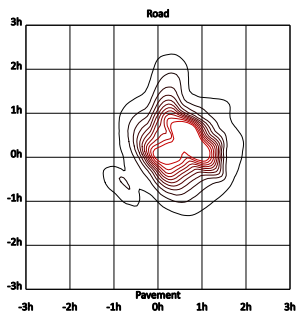




Optic: Cross walk DX

Screen finish: Transparent





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LIGHT 34 | LUMINAIRE | LATERAL

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	535	59	127	A4+	A5+	A3+	A3+	A7+
7500 lm	3000 K	66	114	36	661	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	535	59	127	A4+	A5+	A3+	A3+	A7+
7500 lm	3000 K	66	114	36	661	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	535	59	127	A4+	A5+	A3+	A3+	A7+
7500 lm	3000 K	66	114	36	661	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 34 | LUMINAIRE | LATERAL

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	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	535	59	127	A4+	A5+	A3+	A3+	A7+
7500 lm	3000 K	66	114	36	661	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 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	535	59	127	A4+	A5+	A3+	A3+	A7+
7500 lm	3000 K	66	114	36	661	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	535	59	127	A4+	A5+	A3+	A3+	A7+
7500 lm	3000 K	66	114	36	661	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 34 | LUMINAIRE | LATERAL

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	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	535	59	127	A4+	A5+	A3+	A3+	A7+
7500 lm	3000 K	66	114	36	661	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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