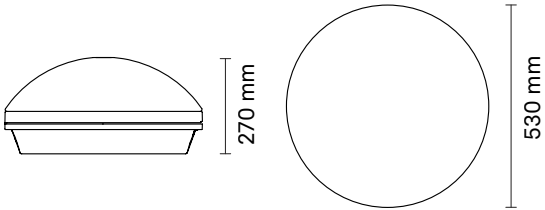


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Ordering Information / Guide

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 - _ _ _ _ _

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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.

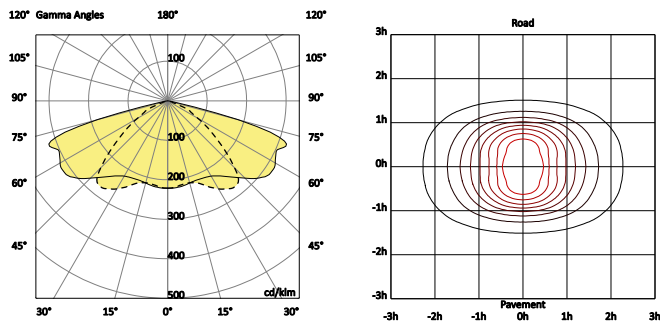
WARNINGS

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.

Light 34 | Luminaire | Lateral

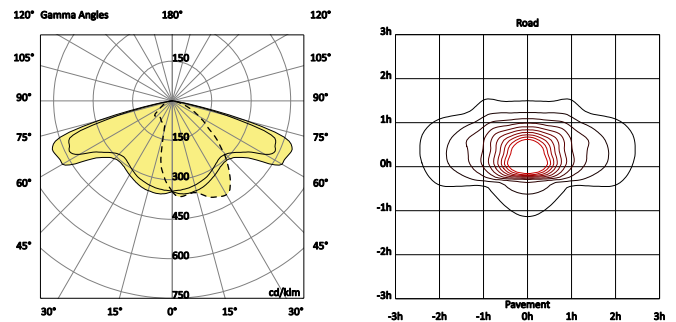
Optic: Type I - Center road

Screen finish: Transparent



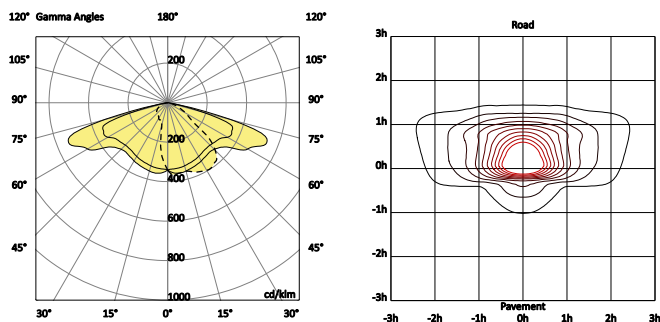
Optic: Type II - A

Screen finish: Transparent



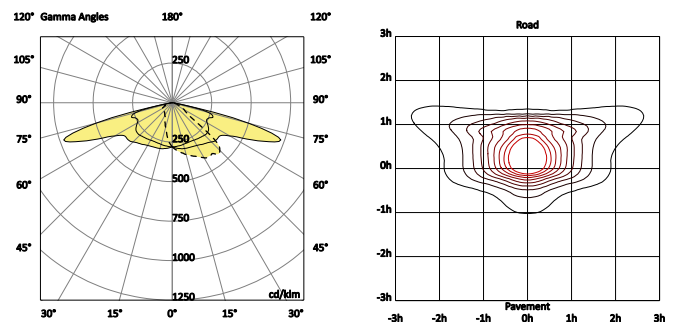
Optic: Type II - A

Screen finish: Transparent



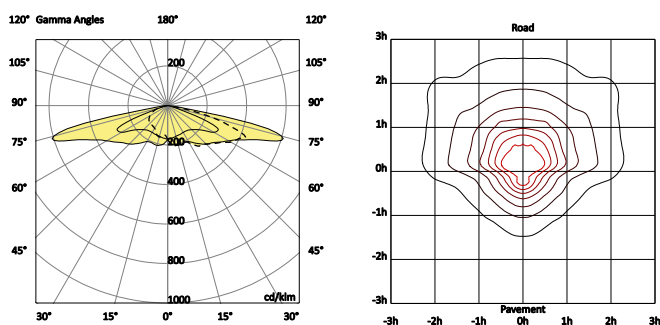
Optic: Type III - B

Screen finish: Transparent



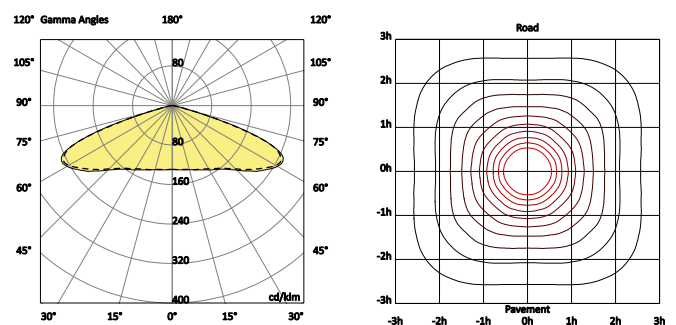
Optic: Type IV - Forward throw

Screen finish: Transparent



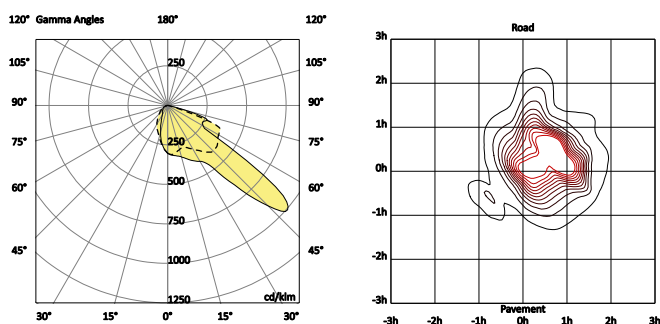
Optic: Type V - Rotosymmetric

Screen finish: Transparent



Optic: Cross walk DX

Screen finish: Transparent



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+

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+

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+