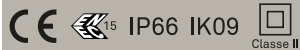
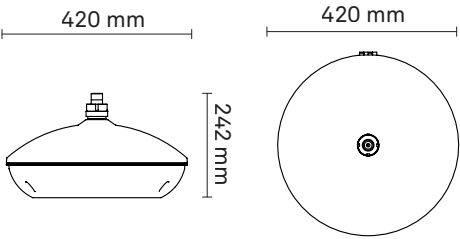


Light 103 | Luminaire



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** - _ _ _ - _ _ _ - _ _ _ - _ _ _ - _ _ _ - _ _ _ - _ _ _ - _ _ _

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
	LOR = 100% ULOR = 0%
Optical efficiency	
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".

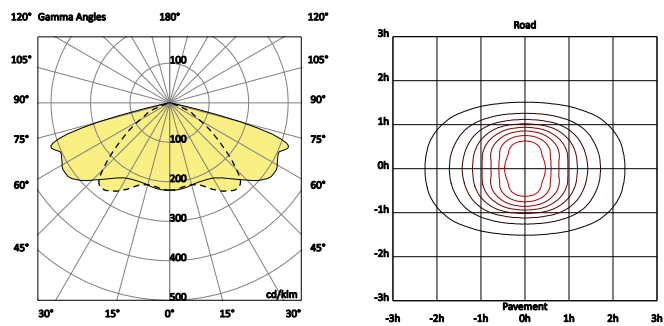
WARNINGS

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.

Light 103 | Luminaire

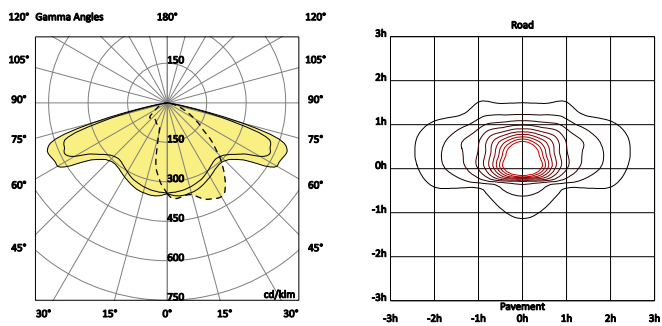
Optic: Type I - Center road

Screen finish: Transparent



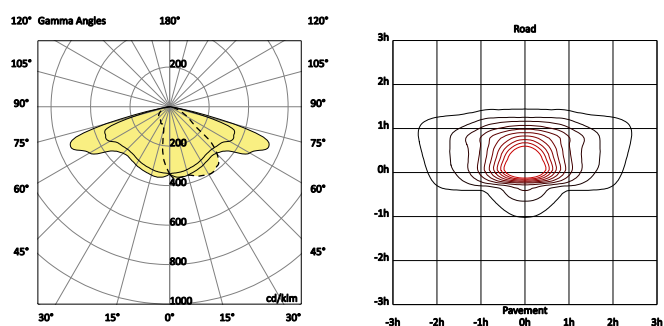
Optic: Type II - A

Screen finish: Transparent



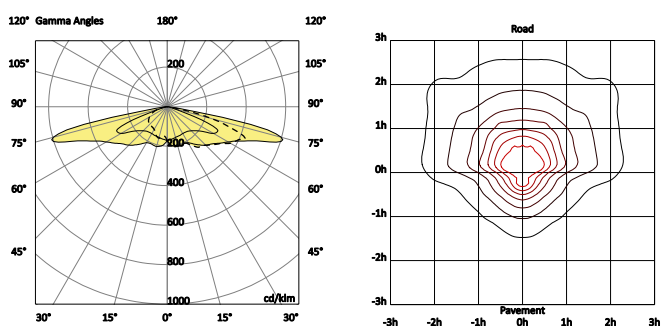
Optic: Type II - A

Screen finish: Transparent



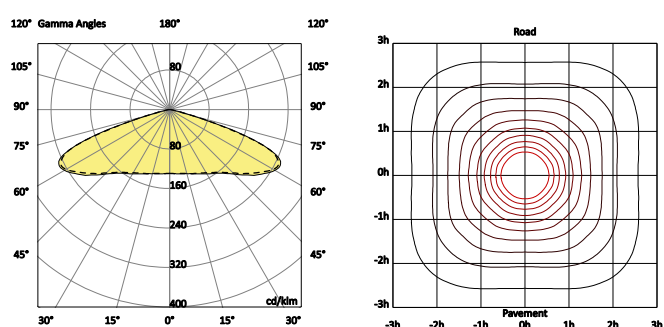
Optic: Type IV - Forward throw

Screen finish: Transparent



Optic: Type V - Rotosymmetric

Screen finish: Transparent



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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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+