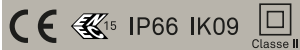
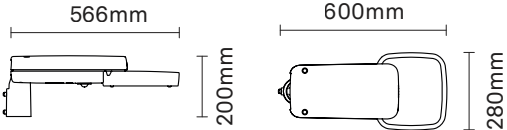
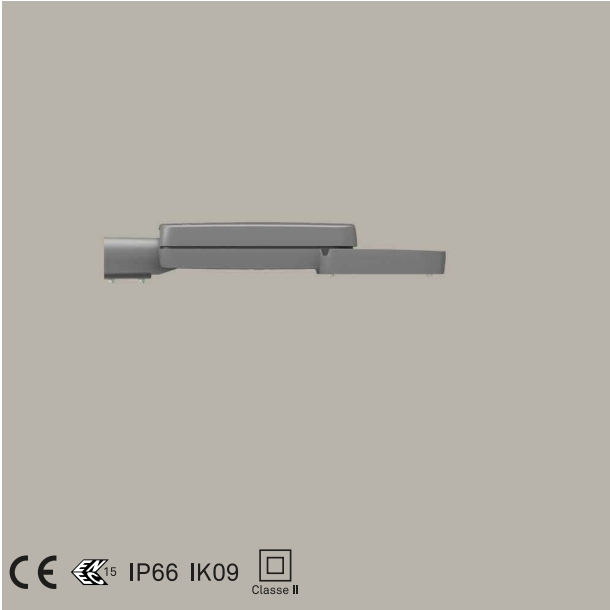


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Ordering Information / Guide

Example: LUMIL00-N-D28-730-L025-ST-V1-F02-M2-CG2

Optique	Ra+K	Luminous flux	Screen finish	Power supply	Driver Function	ISO Class	Finish
D28 Type I - Center road	730 Ra70 3000 K	L025 2500 lm	ST Transparent	V1 220V-240V	F02 1-10V+CLO	M2 Class II	CG2 Grey [RAL 9006] Textured
D36 Type II - Asymmetric	740 Ra70 4000 K	L035 3500 lm			F06 DALI+CLO		
D22 Type III - B		L045 4500 lm			F10 D4i+ZHAGA		
D25 Type III - C		L060 6000 lm			F04 Ampdim+CLO		
D37 Type III - Asymmetric		L075 7500 lm			F14 NVL6H+CLO		
D24 Type IV - Forward throw		L090 9000 lm			F09 SR+PIR		
D38 Type IV - C		L105 10500 lm					
D30 Type V - Rotosymmetric		L120 12000 lm					
		L135 13500 lm					

Generated code: LUMIL00 - N - _ _ _ - _ _ _ - _ _ _ - _ _ _ - _ _ _ - _ _ _

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SOURCE

High-power LED matrix.	
Energy-efficiency class	C, D
LED forward current	302-928 mA
Power rating	13-84.6 W
Nominal Flux	2500-13500 lm
Nominal CCT (Colour temperature)	3000 K, 4000 K
Color Rendering Index (Ra)	70
Standard Deviation Colour Matching	≤5
ANSI/IES TM-30	Rf = 74-75 Rg = 93-95
Rated lifetime	L90B10 100000 h @ Tq = 25 °C

LIGHTING CHARACTERISTICS

Modular 2x2 refractive lenses in PMMA.	
Optique	Type I - Center road, Type II - Asymmetric, Type III - B, Type III - C, Type III - Asymmetric, Type IV - Forward throw, Type IV - C, Type V - Rotosymmetric
Optical efficiency	LOR = 100% ULOR = 0%
LED quantity	16, 24, 32
Cutoff Angle	Cutoff, Semi Cutoff C = 0, 55° γ = 56, 68°
Luminous flux	2500-13500 lm
Luminous efficacy	145-164 lm/W
Luminous intensity class	G*2, G*3, G*4, G*6
IPEA	Road A6+ / A11+, Urban A9+ / A12+, Ped A6+ / A10+, Park A6+ / A10+, Art A11+ / A12+
BUG	B=1-3, U=0, G=0-3
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. ENEC safety mark.	
Luminaire power	16-92.3 W
Power supply	220V-240V~ 50/60Hz
Power factor	≥0.99
Insulation class	Class II
Control type - driver	1-10V+CLO, DALI+CLO, D4i+ZHAGA, Ampdim+CLO, NVL6H+CLO, SR+PIR
Safe Flicker	PstLM<1 e SVM<0,4 (IEC TR 61547-1 e IEC TR 63158)
Ambient temperature	-40 °C / +50 °C
Driver included	Yes
Surge protection	10kV CM - 10kV DM

MECHANICAL CHARACTERISTICS

Structure made of die-cast aluminium (UNI EN 1706) with an upper tilting frame for access to the auxiliary compartment and an integrated heat sink. Protective screen in extra-clear tempered glass with IK09 impact resistance (EN 62262), secured by aluminium brackets. Internal white reflector in polycarbonate, osmotic valve for pressure balancing, and stainless steel screws. Compartment dedicated to surge protectors or remote control systems.	
Length	600 mm
Width	280 mm
Height	200 mm
Weight	9.2 kg
Wind-exposed area	0.07 m²
Protection degree	IP66
Mechanical resistance	IK09
Finish	Grey [RAL 9006] Textured

INSTALLATION

Suitable for side mounting or pole-top installation on Ø 48 mm tubes and Ø 60 mm tubes. Adjustable from 0°/+20° in pole-top configuration, from -5°/+15° in bracket configuration.
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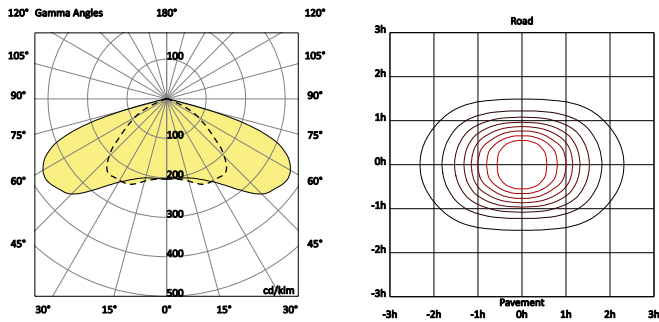
WARNINGS

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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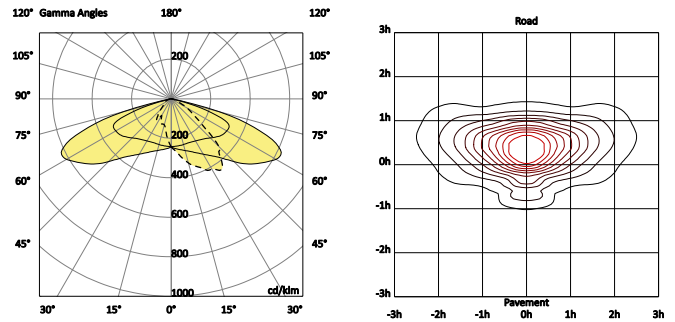
Optic: Type I - Center road

Screen finish: Transparent



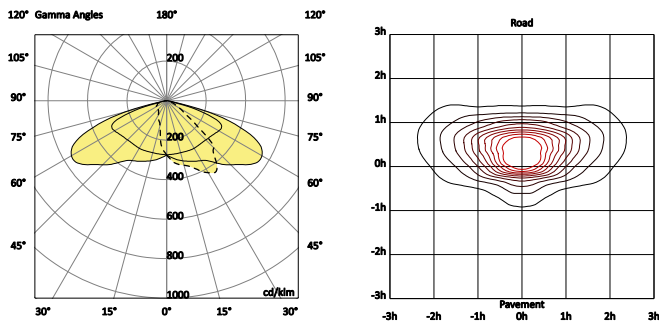
Optic: Type II - Asymmetric

Screen finish: Transparent



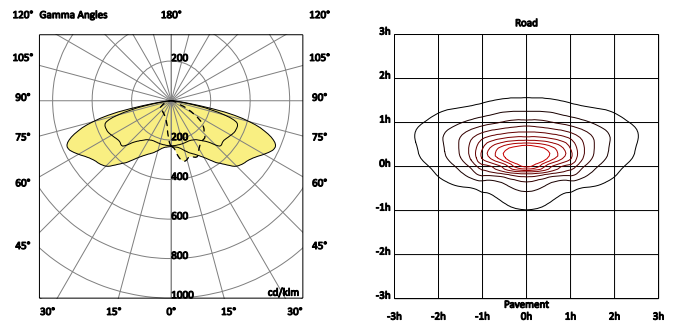
Optic: Type III - B

Screen finish: Transparent



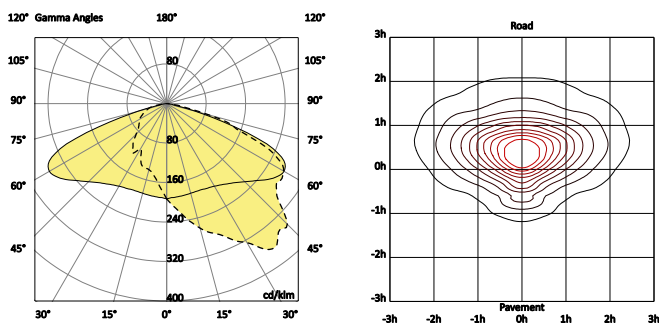
Optic: Type III - C

Screen finish: Transparent



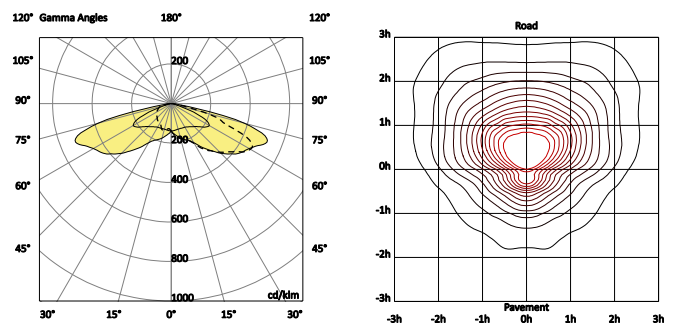
Optic: Type III - Asymmetric

Screen finish: Transparent



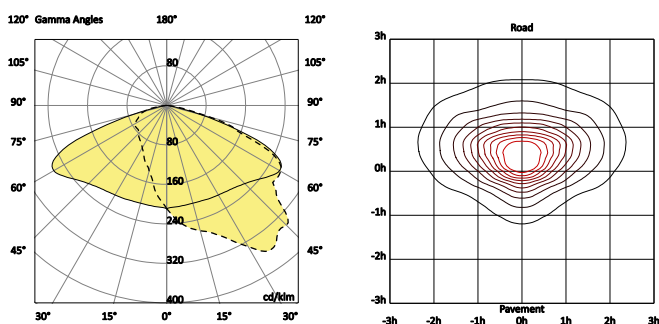
Optic: Type IV - Forward throw

Screen finish: Transparent



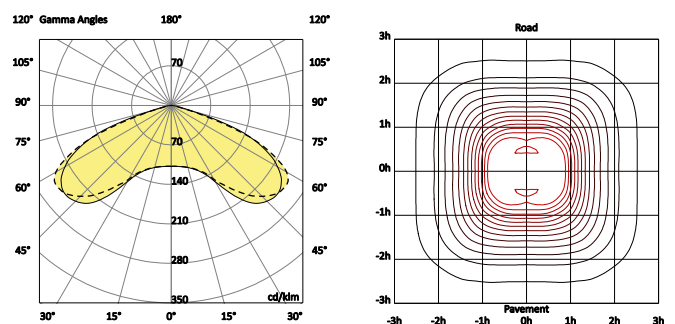
Optic: Type IV - C

Screen finish: Transparent



Optic: Type V - Rotosymmetric

Screen finish: Transparent



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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
2500 lm	3000 K	16.7	150	16	316	13.7	182	A9+	A10+	A8+	A8+	A12+
2500 lm	3000 K	17.3	145	16	316	13.7	182	A8+	A9+	A8+	A8+	A12+
2500 lm	4000 K	16	156	16	302	13	192	A10+	A11+	A9+	A9+	A12+
2500 lm	4000 K	16.6	151	16	302	13	192	A9+	A10+	A9+	A9+	A12+
3500 lm	3000 K	23.2	151	16	452	19.8	177	A9+	A10+	A9+	A9+	A12+
3500 lm	3000 K	23.6	148	16	452	19.8	177	A9+	A10+	A8+	A8+	A12+
3500 lm	4000 K	22.2	158	16	430	18.8	186	A10+	A11+	A10+	A10+	A12+
3500 lm	4000 K	22.6	155	16	430	18.8	186	A10+	A11+	A9+	A9+	A12+
4500 lm	3000 K	30	150	16	592	26.3	171	A9+	A10+	A9+	A9+	A12+
4500 lm	4000 K	28.6	157	16	564	24.9	181	A10+	A11+	A9+	A9+	A12+
6000 lm	3000 K	38.7	155	24	522	34.4	174	A10+	A11+	A9+	A9+	A12+
6000 lm	3000 K	38.4	156	24	522	34.4	174	A10+	A11+	A9+	A9+	A12+
6000 lm	4000 K	36.8	163	24	496	32.7	183	A11+	A12+	A10+	A10+	A12+
6000 lm	4000 K	36.6	164	24	496	32.7	183	A11+	A12+	A10+	A10+	A12+
7500 lm	3000 K	49.3	152	24	664	44.5	169	A9+	A10+	A9+	A9+	A12+
7500 lm	4000 K	46.9	160	24	632	42.2	178	A10+	A11+	A10+	A10+	A12+
9000 lm	3000 K	57.4	157	32	592	52.5	171	A10+	A11+	A9+	A9+	A12+
9000 lm	4000 K	54.8	164	32	564	49.9	180	A11+	A12+	A10+	A10+	A12+
10500 lm	3000 K	68.6	153	32	702	62.8	167	A9+	A10+	A8+	A8+	A12+
10500 lm	4000 K	65	162	32	668	59.6	176	A11+	A12+	A10+	A10+	A12+
12000 lm	3000 K	80.9	148	32	814	73.5	163	A8+	A10+	A7+	A7+	A12+
12000 lm	4000 K	77.1	156	32	774	69.7	172	A9+	A11+	A8+	A8+	A12+
13500 lm	3000 K	92.3	146	32	928	84.6	160	A6+	A9+	A6+	A6+	A11+
13500 lm	4000 K	87.8	154	32	884	80.2	168	A7+	A10+	A7+	A7+	A12+

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Optic: Type II - Asymmetric

Screen finish: Transparent

System					Source			IPEA				
Luminous Flux	Nominal CCT	W	lm/W	n° led	mA	W	lm/W	Road	Urban	Ped	Park	Art
2500 lm	3000 K	16.7	150	16	316	13.7	182	A9+	A10+	A8+	A8+	A12+
2500 lm	3000 K	17.3	145	16	316	13.7	182	A8+	A9+	A8+	A8+	A12+
2500 lm	4000 K	16	156	16	302	13	192	A10+	A11+	A9+	A9+	A12+
2500 lm	4000 K	16.6	151	16	302	13	192	A9+	A10+	A9+	A9+	A12+
3500 lm	3000 K	23.2	151	16	452	19.8	177	A9+	A10+	A9+	A9+	A12+
3500 lm	3000 K	23.6	148	16	452	19.8	177	A9+	A10+	A8+	A8+	A12+
3500 lm	4000 K	22.2	158	16	430	18.8	186	A10+	A11+	A10+	A10+	A12+
3500 lm	4000 K	22.6	155	16	430	18.8	186	A10+	A11+	A9+	A9+	A12+
4500 lm	3000 K	30	150	16	592	26.3	171	A9+	A10+	A8+	A8+	A12+
4500 lm	4000 K	28.6	157	16	564	24.9	181	A10+	A11+	A9+	A9+	A12+
6000 lm	3000 K	38.7	155	24	522	34.4	174	A10+	A11+	A9+	A9+	A12+
6000 lm	3000 K	38.4	156	24	522	34.4	174	A10+	A11+	A9+	A9+	A12+
6000 lm	4000 K	36.8	163	24	496	32.7	183	A11+	A12+	A10+	A10+	A12+
6000 lm	4000 K	36.6	164	24	496	32.7	183	A11+	A12+	A10+	A10+	A12+
7500 lm	3000 K	49.3	152	24	664	44.5	169	A9+	A10+	A9+	A9+	A12+
7500 lm	4000 K	46.9	160	24	632	42.2	178	A10+	A11+	A10+	A10+	A12+
9000 lm	3000 K	57.4	157	32	592	52.5	171	A10+	A11+	A9+	A9+	A12+
9000 lm	4000 K	54.8	164	32	564	49.9	180	A11+	A12+	A10+	A10+	A12+
10500 lm	3000 K	68.6	153	32	702	62.8	167	A9+	A10+	A8+	A8+	A12+
10500 lm	4000 K	65	162	32	668	59.6	176	A11+	A12+	A10+	A10+	A12+
12000 lm	3000 K	80.9	148	32	814	73.5	163	A8+	A10+	A7+	A7+	A12+
12000 lm	4000 K	77.1	156	32	774	69.7	172	A9+	A11+	A8+	A8+	A12+
13500 lm	3000 K	92.3	146	32	928	84.6	160	A6+	A9+	A6+	A6+	A11+
13500 lm	4000 K	87.8	154	32	884	80.2	168	A7+	A10+	A7+	A7+	A12+

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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
2500 lm	3000 K	16.7	150	16	316	13.7	182	A9+	A10+	A8+	A8+	A12+
2500 lm	3000 K	17.3	145	16	316	13.7	182	A8+	A9+	A8+	A8+	A12+
2500 lm	4000 K	16	156	16	302	13	192	A10+	A11+	A9+	A9+	A12+
2500 lm	4000 K	16.6	151	16	302	13	192	A9+	A10+	A9+	A9+	A12+
3500 lm	3000 K	23.2	151	16	452	19.8	177	A9+	A10+	A9+	A9+	A12+
3500 lm	3000 K	23.6	148	16	452	19.8	177	A9+	A10+	A8+	A8+	A12+
3500 lm	4000 K	22.2	158	16	430	18.8	186	A10+	A11+	A10+	A10+	A12+
3500 lm	4000 K	22.6	155	16	430	18.8	186	A10+	A11+	A9+	A9+	A12+
4500 lm	3000 K	30	150	16	592	26.3	171	A9+	A10+	A9+	A9+	A12+
4500 lm	4000 K	28.6	157	16	564	24.9	181	A10+	A11+	A9+	A9+	A12+
6000 lm	3000 K	38.7	155	24	522	34.4	174	A10+	A11+	A9+	A9+	A12+
6000 lm	3000 K	38.4	156	24	522	34.4	174	A10+	A11+	A9+	A9+	A12+
6000 lm	4000 K	36.8	163	24	496	32.7	183	A11+	A12+	A10+	A10+	A12+
6000 lm	4000 K	36.6	164	24	496	32.7	183	A11+	A12+	A10+	A10+	A12+
7500 lm	3000 K	49.3	152	24	664	44.5	169	A9+	A10+	A9+	A9+	A12+
7500 lm	4000 K	46.9	160	24	632	42.2	178	A10+	A11+	A10+	A10+	A12+
9000 lm	3000 K	57.4	157	32	592	52.5	171	A10+	A11+	A9+	A9+	A12+
9000 lm	4000 K	54.8	164	32	564	49.9	180	A11+	A12+	A10+	A10+	A12+
10500 lm	3000 K	68.6	153	32	702	62.8	167	A9+	A10+	A8+	A8+	A12+
10500 lm	4000 K	65	162	32	668	59.6	176	A11+	A12+	A10+	A10+	A12+
12000 lm	3000 K	80.9	148	32	814	73.5	163	A8+	A10+	A7+	A7+	A12+
12000 lm	4000 K	77.1	156	32	774	69.7	172	A9+	A11+	A8+	A8+	A12+
13500 lm	3000 K	92.3	146	32	928	84.6	160	A6+	A9+	A6+	A6+	A11+
13500 lm	4000 K	87.8	154	32	884	80.2	168	A7+	A10+	A7+	A7+	A12+

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Optic: Type III - C

Screen finish: Transparent

System					Source			IPEA				
Luminous Flux	Nominal CCT	W	lm/W	n° led	mA	W	lm/W	Road	Urban	Ped	Park	Art
2500 lm	3000 K	16.7	150	16	316	13.7	182	A9+	A10+	A8+	A8+	A12+
2500 lm	3000 K	17.3	145	16	316	13.7	182	A8+	A9+	A8+	A8+	A12+
2500 lm	4000 K	16	156	16	302	13	192	A10+	A11+	A9+	A9+	A12+
2500 lm	4000 K	16.6	151	16	302	13	192	A9+	A10+	A9+	A9+	A12+
3500 lm	3000 K	23.2	151	16	452	19.8	177	A9+	A10+	A9+	A9+	A12+
3500 lm	3000 K	23.6	148	16	452	19.8	177	A9+	A10+	A8+	A8+	A12+
3500 lm	4000 K	22.2	158	16	430	18.8	186	A10+	A11+	A10+	A10+	A12+
3500 lm	4000 K	22.6	155	16	430	18.8	186	A10+	A11+	A9+	A9+	A12+
4500 lm	3000 K	30	150	16	592	26.3	171	A9+	A10+	A9+	A9+	A12+
4500 lm	4000 K	28.6	157	16	564	24.9	181	A10+	A11+	A9+	A9+	A12+
6000 lm	3000 K	38.7	155	24	522	34.4	174	A10+	A11+	A9+	A9+	A12+
6000 lm	3000 K	38.4	156	24	522	34.4	174	A10+	A11+	A9+	A9+	A12+
6000 lm	4000 K	36.8	163	24	496	32.7	183	A11+	A12+	A10+	A10+	A12+
6000 lm	4000 K	36.6	164	24	496	32.7	183	A11+	A12+	A10+	A10+	A12+
7500 lm	3000 K	49.3	152	24	664	44.5	169	A9+	A10+	A9+	A9+	A12+
7500 lm	4000 K	46.9	160	24	632	42.2	178	A10+	A11+	A10+	A10+	A12+
9000 lm	3000 K	57.4	157	32	592	52.5	171	A10+	A11+	A9+	A9+	A12+
9000 lm	4000 K	54.8	164	32	564	49.9	180	A11+	A12+	A10+	A10+	A12+
10500 lm	3000 K	68.6	153	32	702	62.8	167	A9+	A10+	A8+	A8+	A12+
10500 lm	4000 K	65	162	32	668	59.6	176	A11+	A12+	A10+	A10+	A12+
12000 lm	3000 K	80.9	148	32	814	73.5	163	A8+	A10+	A7+	A7+	A12+
12000 lm	4000 K	77.1	156	32	774	69.7	172	A9+	A11+	A8+	A8+	A12+
13500 lm	3000 K	92.3	146	32	928	84.6	160	A6+	A9+	A6+	A6+	A11+
13500 lm	4000 K	87.8	154	32	884	80.2	168	A7+	A10+	A7+	A7+	A12+

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Optic: Type III - Asymmetric

Screen finish: Transparent

System					Source			IPEA				
Luminous Flux	Nominal CCT	W	lm/W	n° led	mA	W	lm/W	Road	Urban	Ped	Park	Art
2500 lm	3000 K	16.7	150	16	316	13.7	182	A9+	A10+	A8+	A8+	A12+
2500 lm	3000 K	17.3	145	16	316	13.7	182	A8+	A9+	A8+	A8+	A12+
2500 lm	4000 K	16	156	16	302	13	192	A10+	A11+	A9+	A9+	A12+
2500 lm	4000 K	16.6	151	16	302	13	192	A9+	A10+	A9+	A9+	A12+
3500 lm	3000 K	23.2	151	16	452	19.8	177	A9+	A10+	A9+	A9+	A12+
3500 lm	3000 K	23.6	148	16	452	19.8	177	A9+	A10+	A8+	A8+	A12+
3500 lm	4000 K	22.2	158	16	430	18.8	186	A10+	A11+	A10+	A10+	A12+
3500 lm	4000 K	22.6	155	16	430	18.8	186	A10+	A11+	A9+	A9+	A12+
4500 lm	3000 K	30	150	16	592	26.3	171	A9+	A10+	A8+	A8+	A12+
4500 lm	4000 K	28.6	157	16	564	24.9	181	A10+	A11+	A9+	A9+	A12+
6000 lm	3000 K	38.7	155	24	522	34.4	174	A10+	A11+	A9+	A9+	A12+
6000 lm	3000 K	38.4	156	24	522	34.4	174	A10+	A11+	A9+	A9+	A12+
6000 lm	4000 K	36.8	163	24	496	32.7	183	A11+	A12+	A10+	A10+	A12+
6000 lm	4000 K	36.6	164	24	496	32.7	183	A11+	A12+	A10+	A10+	A12+
7500 lm	3000 K	49.3	152	24	664	44.5	169	A9+	A10+	A9+	A9+	A12+
7500 lm	4000 K	46.9	160	24	632	42.2	178	A10+	A11+	A10+	A10+	A12+
9000 lm	3000 K	57.4	157	32	592	52.5	171	A10+	A11+	A9+	A9+	A12+
9000 lm	4000 K	54.8	164	32	564	49.9	180	A11+	A12+	A10+	A10+	A12+
10500 lm	3000 K	68.6	153	32	702	62.8	167	A9+	A10+	A8+	A8+	A12+
10500 lm	4000 K	65	162	32	668	59.6	176	A11+	A12+	A10+	A10+	A12+
12000 lm	3000 K	80.9	148	32	814	73.5	163	A8+	A10+	A7+	A7+	A12+
12000 lm	4000 K	77.1	156	32	774	69.7	172	A9+	A11+	A8+	A8+	A12+
13500 lm	3000 K	92.3	146	32	928	84.6	160	A6+	A9+	A6+	A6+	A11+
13500 lm	4000 K	87.8	154	32	884	80.2	168	A7+	A10+	A7+	A7+	A12+

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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
2500 lm	3000 K	16.7	150	16	316	13.7	182	A9+	A10+	A8+	A8+	A12+
2500 lm	3000 K	17.3	145	16	316	13.7	182	A8+	A9+	A8+	A8+	A12+
2500 lm	4000 K	16	156	16	302	13	192	A10+	A11+	A9+	A9+	A12+
2500 lm	4000 K	16.6	151	16	302	13	192	A9+	A10+	A9+	A9+	A12+
3500 lm	3000 K	23.2	151	16	452	19.8	177	A9+	A10+	A9+	A9+	A12+
3500 lm	3000 K	23.6	148	16	452	19.8	177	A9+	A10+	A8+	A8+	A12+
3500 lm	4000 K	22.2	158	16	430	18.8	186	A10+	A11+	A10+	A10+	A12+
3500 lm	4000 K	22.6	155	16	430	18.8	186	A10+	A11+	A9+	A9+	A12+
4500 lm	3000 K	30	150	16	592	26.3	171	A9+	A10+	A9+	A9+	A12+
4500 lm	4000 K	28.6	157	16	564	24.9	181	A10+	A11+	A9+	A9+	A12+
6000 lm	3000 K	38.7	155	24	522	34.4	174	A10+	A11+	A9+	A9+	A12+
6000 lm	3000 K	38.4	156	24	522	34.4	174	A10+	A11+	A9+	A9+	A12+
6000 lm	4000 K	36.8	163	24	496	32.7	183	A11+	A12+	A10+	A10+	A12+
6000 lm	4000 K	36.6	164	24	496	32.7	183	A11+	A12+	A10+	A10+	A12+
7500 lm	3000 K	49.3	152	24	664	44.5	169	A9+	A10+	A9+	A9+	A12+
7500 lm	4000 K	46.9	160	24	632	42.2	178	A10+	A11+	A10+	A10+	A12+
9000 lm	3000 K	57.4	157	32	592	52.5	171	A10+	A11+	A9+	A9+	A12+
9000 lm	4000 K	54.8	164	32	564	49.9	180	A11+	A12+	A10+	A10+	A12+
10500 lm	3000 K	68.6	153	32	702	62.8	167	A9+	A10+	A8+	A8+	A12+
10500 lm	4000 K	65	162	32	668	59.6	176	A11+	A12+	A10+	A10+	A12+
12000 lm	3000 K	80.9	148	32	814	73.5	163	A8+	A10+	A7+	A7+	A12+
12000 lm	4000 K	77.1	156	32	774	69.7	172	A9+	A11+	A8+	A8+	A12+
13500 lm	3000 K	92.3	146	32	928	84.6	160	A6+	A9+	A6+	A6+	A11+
13500 lm	4000 K	87.8	154	32	884	80.2	168	A7+	A10+	A7+	A7+	A12+

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Optic: Type IV - C

Screen finish: Transparent

System					Source			IPEA				
Luminous Flux	Nominal CCT	W	lm/W	n° led	mA	W	lm/W	Road	Urban	Ped	Park	Art
2500 lm	3000 K	16.7	150	16	316	13.7	182	A9+	A10+	A8+	A8+	A12+
2500 lm	3000 K	17.3	145	16	316	13.7	182	A8+	A9+	A8+	A8+	A12+
2500 lm	4000 K	16	156	16	302	13	192	A10+	A11+	A9+	A9+	A12+
2500 lm	4000 K	16.6	151	16	302	13	192	A9+	A10+	A9+	A9+	A12+
3500 lm	3000 K	23.2	151	16	452	19.8	177	A9+	A10+	A9+	A9+	A12+
3500 lm	3000 K	23.6	148	16	452	19.8	177	A9+	A10+	A8+	A8+	A12+
3500 lm	4000 K	22.2	158	16	430	18.8	186	A10+	A11+	A10+	A10+	A12+
3500 lm	4000 K	22.6	155	16	430	18.8	186	A10+	A11+	A9+	A9+	A12+
4500 lm	3000 K	30	150	16	592	26.3	171	A9+	A10+	A9+	A9+	A12+
4500 lm	4000 K	28.6	157	16	564	24.9	181	A10+	A11+	A9+	A9+	A12+
6000 lm	3000 K	38.7	155	24	522	34.4	174	A10+	A11+	A9+	A9+	A12+
6000 lm	3000 K	38.4	156	24	522	34.4	174	A10+	A11+	A9+	A9+	A12+
6000 lm	4000 K	36.8	163	24	496	32.7	183	A11+	A12+	A10+	A10+	A12+
6000 lm	4000 K	36.6	164	24	496	32.7	183	A11+	A12+	A10+	A10+	A12+
7500 lm	3000 K	49.3	152	24	664	44.5	169	A9+	A10+	A9+	A9+	A12+
7500 lm	4000 K	46.9	160	24	632	42.2	178	A10+	A11+	A10+	A10+	A12+
9000 lm	3000 K	57.4	157	32	592	52.5	171	A10+	A11+	A9+	A9+	A12+
9000 lm	4000 K	54.8	164	32	564	49.9	180	A11+	A12+	A10+	A10+	A12+
10500 lm	3000 K	68.6	153	32	702	62.8	167	A9+	A10+	A8+	A8+	A12+
10500 lm	4000 K	65	162	32	668	59.6	176	A11+	A12+	A10+	A10+	A12+
12000 lm	3000 K	80.9	148	32	814	73.5	163	A8+	A10+	A7+	A7+	A12+
12000 lm	4000 K	77.1	156	32	774	69.7	172	A9+	A11+	A8+	A8+	A12+
13500 lm	3000 K	92.3	146	32	928	84.6	160	A6+	A9+	A6+	A6+	A11+
13500 lm	4000 K	87.8	154	32	884	80.2	168	A7+	A10+	A7+	A7+	A12+

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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
2500 lm	3000 K	16.7	150	16	316	13.7	182	A9+	A10+	A8+	A8+	A12+
2500 lm	3000 K	17.3	145	16	316	13.7	182	A8+	A9+	A8+	A8+	A12+
2500 lm	4000 K	16	156	16	302	13	192	A10+	A11+	A9+	A9+	A12+
2500 lm	4000 K	16.6	151	16	302	13	192	A9+	A10+	A9+	A9+	A12+
3500 lm	3000 K	23.2	151	16	452	19.8	177	A9+	A10+	A9+	A9+	A12+
3500 lm	3000 K	23.6	148	16	452	19.8	177	A9+	A10+	A8+	A8+	A12+
3500 lm	4000 K	22.2	158	16	430	18.8	186	A10+	A11+	A10+	A10+	A12+
3500 lm	4000 K	22.6	155	16	430	18.8	186	A10+	A11+	A9+	A9+	A12+
4500 lm	3000 K	30	150	16	592	26.3	171	A9+	A10+	A9+	A9+	A12+
4500 lm	4000 K	28.6	157	16	564	24.9	181	A10+	A11+	A9+	A9+	A12+
6000 lm	3000 K	38.7	155	24	522	34.4	174	A10+	A11+	A9+	A9+	A12+
6000 lm	3000 K	38.4	156	24	522	34.4	174	A10+	A11+	A9+	A9+	A12+
6000 lm	4000 K	36.8	163	24	496	32.7	183	A11+	A12+	A10+	A10+	A12+
6000 lm	4000 K	36.6	164	24	496	32.7	183	A11+	A12+	A10+	A10+	A12+
7500 lm	3000 K	49.3	152	24	664	44.5	169	A9+	A10+	A9+	A9+	A12+
7500 lm	4000 K	46.9	160	24	632	42.2	178	A10+	A11+	A10+	A10+	A12+
9000 lm	3000 K	57.4	157	32	592	52.5	171	A10+	A11+	A9+	A9+	A12+
9000 lm	4000 K	54.8	164	32	564	49.9	180	A11+	A12+	A10+	A10+	A12+
10500 lm	3000 K	68.6	153	32	702	62.8	167	A9+	A10+	A8+	A8+	A12+
10500 lm	4000 K	65	162	32	668	59.6	176	A11+	A12+	A10+	A10+	A12+
12000 lm	3000 K	80.9	148	32	814	73.5	163	A8+	A10+	A7+	A7+	A12+
12000 lm	4000 K	77.1	156	32	774	69.7	172	A9+	A11+	A8+	A8+	A12+
13500 lm	3000 K	92.3	146	32	928	84.6	160	A6+	A9+	A6+	A6+	A11+
13500 lm	4000 K	87.8	154	32	884	80.2	168	A7+	A10+	A7+	A7+	A12+