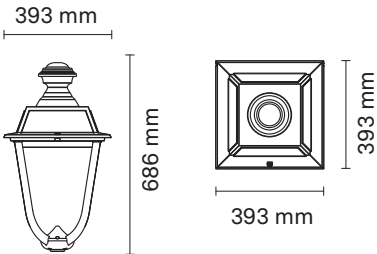


Light 804 | Luminaire | Post top entry



CE IP66 IK09  Classe II

Ordering Information / Guide

Example: LU80400-N-D28-830-L015-ST-V1-F27-M2-CN0

Optique	Ra+K	Luminous flux	Screen finish	Power supply	Driver Function	ISO Class	Finish
D28 Type I - Center road	830 Ra80 3000 K	L015 1500 lm	ST Transparent	V1 220V-240V	F27 ON/OFF+CLO	M2 Class II	CN0 Grey [Neri] Textured
D36 Type II - Asymmetric	840 Ra80 4000 K	L025 2500 lm	SP Prismatic		F02 1-10V+CLO		
D22 Type III - B		L035 3500 lm			F06 DALI+CLO		
D25 Type III - C		L045 4500 lm			F10 D4i+ZHAGA		
D37 Type III - Asymmetric		L060 6000 lm			F04 Ampdim+CLO		
D24 Type IV - Forward throw		L075 7500 lm			F14 NVL6H+CLO		
D38 Type IV - C							
D30 Type V - Rotosymmetric							

Generated code: LU80400 - N - _ _ _ _ _ - _ _ _ _ _ - _ _ _ _ _ - _ _ _ _ _ - _ _ _ _ _

Light 804 | Luminaire | Post top entry

SOURCE

High-power LED matrix.	D
Energy-efficiency class	222-656 mA
LED forward current	9.5-58.5 W
Power rating	1500-7500 lm
Nominal Flux	3000 K, 4000 K
Nominal CCT (Colour temperature)	80
Color Rendering Index (Ra)	≤5
Standard Deviation Colour Matching	Rf = 83-85 Rg = 95-96
ANSI/IES TM-30	L90B10 100000 h @ Tq = 25 °C
Rated lifetime	

LIGHTING CHARACTERISTICS

Modular 2x2 refractive lenses in PMMA.	Type I - Center road,
Optique	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, 85°
	γ = 46, 68°
Luminous flux	1500-7500 lm
Luminous efficacy	116-133 lm/W
Maximum luminous intensity γ 90°	≤0.42 cd/klm
Luminous intensity class	G*2, G*3, G*4, G*6
IPEA	Road A4+ / A7+, Urban A5+ / A8+,
	Ped A4+ / A6+, Park A4+ / A6+,
	Art A8+ / A11+
BUG	B=0-3, U=1, 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.	
Luminaire power	11.8-63.8 W
Power supply	220V-240V~ 50/60Hz
Power factor	≥0.99
Insulation class	Class II
Control type - driver	ON/OFF+CLO, 1-10V+CLO,
	DALI+CLO, D4i+ZHAGA,
	Ampdim+CLO, NVL6H+CLO
Safe Flicker	PstLM=<1 e SVM=<0,4 (IEC TR 61547-1 e IEC TR 63158)
Ambient temperature	-25 °C / +50 °C
Driver included	Yes
Surge protection	10kV CM - 10kV DM

MECHANICAL CHARACTERISTICS

Structure made of die-cast aluminium (UNI EN 1706) with a hinged upper frame and a lower square frame with four curved uprights and a Ø 28 mm lower flange for mounting to the support.	
Screen in extra-clear or prismatic tempered glass with IK09/IK07 impact resistance (EN 62262).	
White internal reflector, silicone gasket between the frames, and stainless steel fastening components.	
Compartment dedicated to additional surge protectors or remote control systems.	
Length	393 mm
Width	393 mm
Height	686 mm
Weight	9.1 kg
Wind-exposed area	0.1 m²
Protection degree	IP66
Mechanical resistance	IK09
Finish	Grey [Neri] Textured

INSTALLATION

Pole-top: flange with central hole Ø 28 mm for fastening to the support.

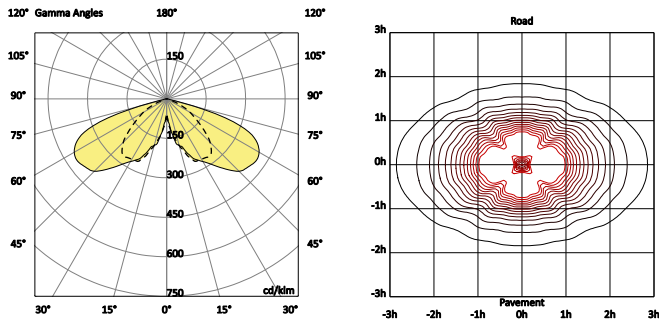
WARNINGS

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 804 | Luminaire | Post top entry

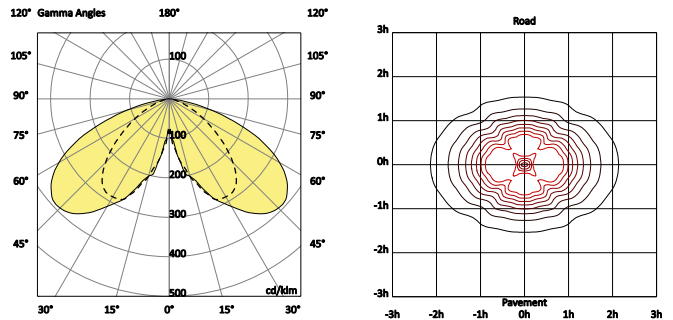
Optic: Type I - Center road

Screen finish: Transparent



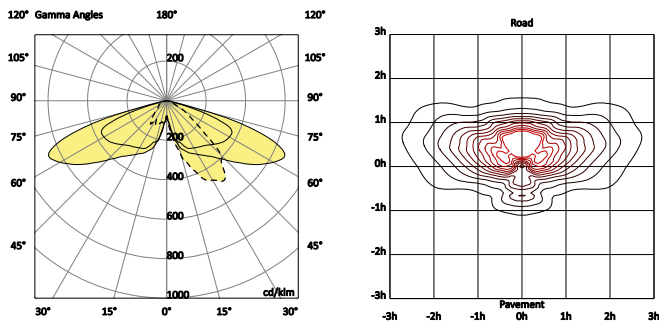
Optic: Type I - Center road

Screen finish: Prismatic



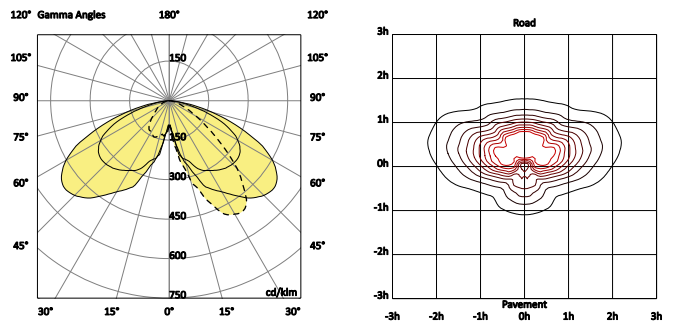
Optic: Type II - Asymmetric

Screen finish: Transparent



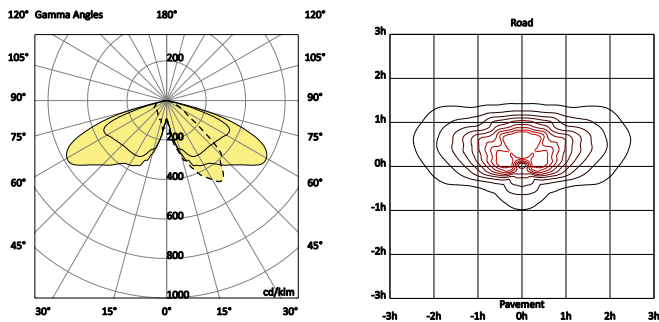
Optic: Type II - Asymmetric

Screen finish: Prismatic



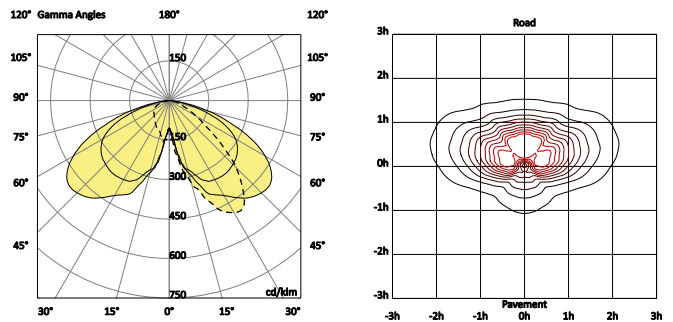
Optic: Type III - B

Screen finish: Transparent



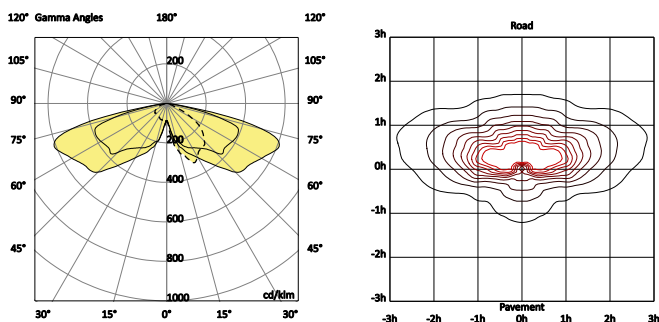
Optic: Type III - B

Screen finish: Prismatic



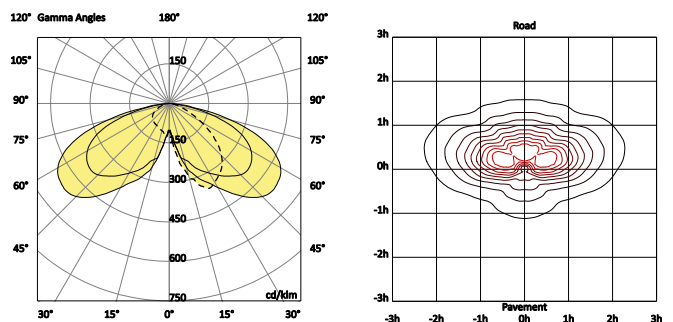
Optic: Type III - C

Screen finish: Transparent



Optic: Type III - C

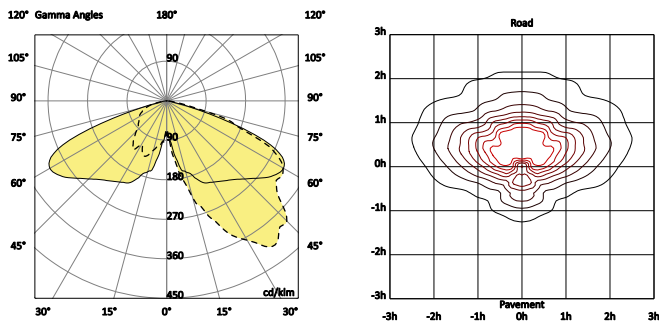
Screen finish: Prismatic



Light 804 | Luminaire | Post top entry

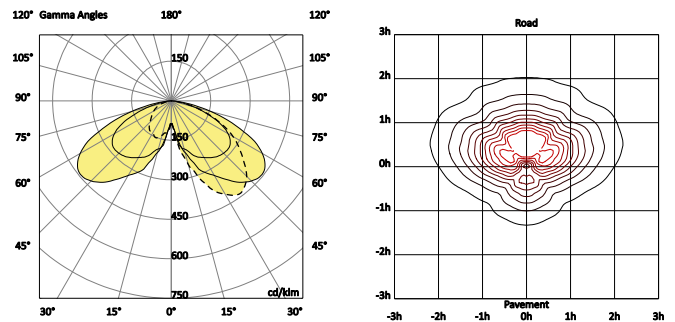
Optic: Type III - Asymmetric

Screen finish: Transparent



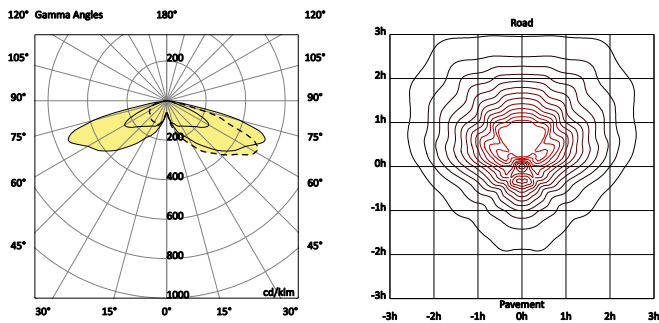
Optic: Type III - Asymmetric

Screen finish: Prismatic



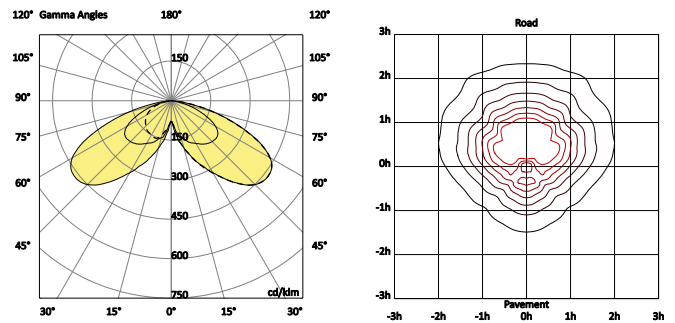
Optic: Type IV - Forward throw

Screen finish: Transparent



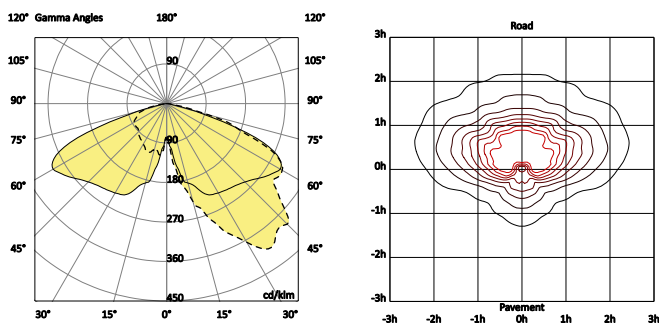
Optic: Type IV - Forward throw

Screen finish: Prismatic



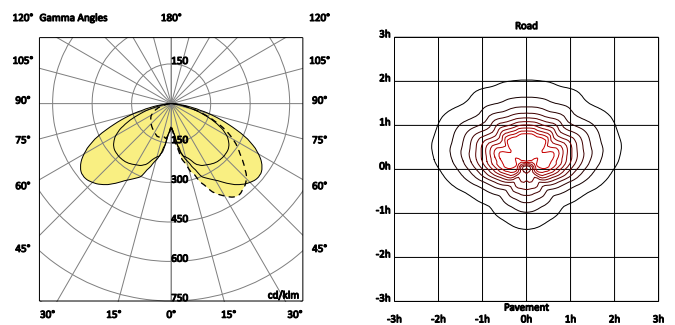
Optic: Type IV - C

Screen finish: Transparent



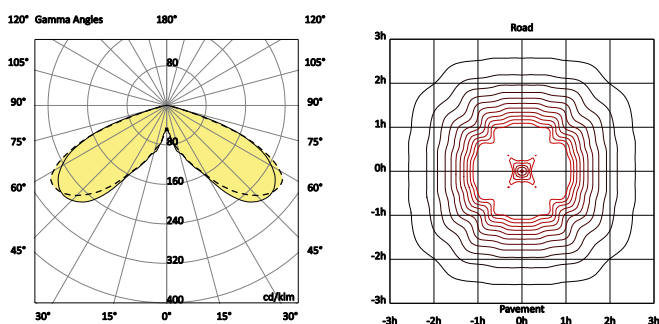
Optic: Type IV - C

Screen finish: Prismatic



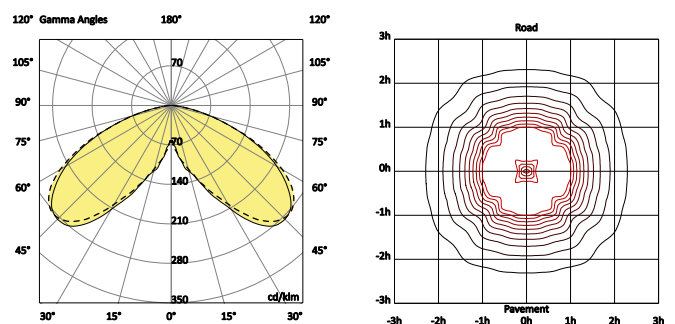
Optic: Type V - Rotosymmetric

Screen finish: Transparent



Optic: Type V - Rotosymmetric

Screen finish: Prismatic



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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
1500 lm	3000 K	12.3	122	16	234	10	150	A5+	A6+	A5+	A5+	A9+
1500 lm	4000 K	11.8	127	16	222	9.5	158	A6+	A7+	A5+	A5+	A10+
2500 lm	3000 K	20.1	124	16	400	17.4	144	A6+	A6+	A5+	A5+	A9+
2500 lm	4000 K	19.2	130	16	380	16.5	152	A6+	A7+	A6+	A6+	A10+
3500 lm	3000 K	27.8	126	24	372	24.2	145	A6+	A6+	A5+	A5+	A9+
3500 lm	3000 K	27.9	125	24	372	24.2	145	A6+	A6+	A5+	A5+	A9+
3500 lm	4000 K	26.5	132	24	352	22.9	153	A7+	A7+	A6+	A6+	A11+
3500 lm	4000 K	26.7	131	24	352	22.9	153	A6+	A7+	A6+	A6+	A10+
4500 lm	3000 K	36.1	125	24	486	32	141	A6+	A6+	A5+	A5+	A9+
4500 lm	3000 K	35.8	126	24	486	32	141	A6+	A6+	A5+	A5+	A9+
4500 lm	4000 K	34.1	132	24	460	30.2	149	A7+	A7+	A6+	A6+	A10+
4500 lm	4000 K	34	132	24	460	30.2	149	A7+	A7+	A6+	A6+	A11+
6000 lm	3000 K	47.4	127	32	486	42.7	141	A6+	A7+	A5+	A5+	A10+
6000 lm	4000 K	45	133	32	460	40.3	149	A7+	A8+	A6+	A6+	A11+
7500 lm	3000 K	60.1	125	32	618	55	136	A6+	A6+	A5+	A5+	A9+
7500 lm	4000 K	56.8	132	32	586	51.9	145	A7+	A7+	A6+	A6+	A11+

Optic: Type I - Center road

Screen finish: Prismatic

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	12.9	116	16	248	10.6	142	A4+	A5+	A4+	A4+	A8+
1500 lm	4000 K	12.4	121	16	236	10.1	149	A5+	A6+	A5+	A5+	A9+
2500 lm	3000 K	21.3	117	16	424	18.5	135	A5+	A5+	A4+	A4+	A8+
2500 lm	4000 K	20.3	123	16	400	17.5	143	A5+	A6+	A5+	A5+	A9+
3500 lm	3000 K	29.4	119	24	394	25.7	136	A5+	A6+	A4+	A4+	A8+
3500 lm	4000 K	27.9	125	24	372	24.3	144	A6+	A6+	A5+	A5+	A9+
3500 lm	4000 K	28	125	24	372	24.3	144	A6+	A6+	A5+	A5+	A9+
4500 lm	3000 K	38.2	118	24	514	34	132	A5+	A5+	A4+	A4+	A8+
4500 lm	3000 K	38	118	24	514	34	132	A5+	A5+	A4+	A4+	A8+
4500 lm	4000 K	36.2	124	24	486	32.1	140	A6+	A6+	A5+	A5+	A9+
4500 lm	4000 K	35.9	125	24	486	32.1	140	A6+	A6+	A5+	A5+	A9+
6000 lm	3000 K	50.1	120	32	514	45.3	132	A5+	A6+	A4+	A4+	A8+
6000 lm	4000 K	47.6	126	32	486	42.8	140	A6+	A7+	A5+	A5+	A10+
7500 lm	3000 K	63.8	118	32	656	58.5	128	A5+	A5+	A4+	A4+	A8+
7500 lm	4000 K	60.2	125	32	620	55.1	136	A6+	A6+	A5+	A5+	A9+

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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
1500 lm	3000 K	12.3	122	16	234	10	150	A5+	A6+	A5+	A5+	A9+
1500 lm	4000 K	11.8	127	16	222	9.5	158	A6+	A7+	A5+	A5+	A10+
2500 lm	3000 K	20.1	124	16	400	17.4	144	A6+	A6+	A5+	A5+	A9+
2500 lm	4000 K	19.2	130	16	380	16.5	152	A6+	A7+	A6+	A6+	A10+
3500 lm	3000 K	27.8	126	24	372	24.2	145	A6+	A6+	A5+	A5+	A9+
3500 lm	3000 K	27.9	125	24	372	24.2	145	A6+	A6+	A5+	A5+	A9+
3500 lm	4000 K	26.5	132	24	352	22.9	153	A7+	A7+	A6+	A6+	A11+
3500 lm	4000 K	26.7	131	24	352	22.9	153	A6+	A7+	A6+	A6+	A10+
4500 lm	3000 K	36.1	125	24	486	32	141	A6+	A6+	A5+	A5+	A9+
4500 lm	3000 K	35.8	126	24	486	32	141	A6+	A6+	A5+	A5+	A9+
4500 lm	4000 K	34.1	132	24	460	30.2	149	A7+	A7+	A6+	A6+	A10+
4500 lm	4000 K	34	132	24	460	30.2	149	A7+	A7+	A6+	A6+	A11+
6000 lm	3000 K	47.4	127	32	486	42.7	141	A6+	A7+	A5+	A5+	A10+
6000 lm	4000 K	45	133	32	460	40.3	149	A7+	A8+	A6+	A6+	A11+
7500 lm	3000 K	60.1	125	32	618	55	136	A6+	A6+	A5+	A5+	A9+
7500 lm	4000 K	56.8	132	32	586	51.9	145	A7+	A7+	A6+	A6+	A11+

Optic: Type II - Asymmetric

Screen finish: Prismatic

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	12.9	116	16	248	10.6	142	A4+	A5+	A4+	A4+	A8+
1500 lm	4000 K	12.4	121	16	236	10.1	149	A5+	A6+	A5+	A5+	A9+
2500 lm	3000 K	21.3	117	16	424	18.5	135	A5+	A5+	A4+	A4+	A8+
2500 lm	4000 K	20.3	123	16	400	17.5	143	A5+	A6+	A5+	A5+	A9+
3500 lm	3000 K	29.4	119	24	394	25.7	136	A5+	A6+	A4+	A4+	A8+
3500 lm	4000 K	27.9	125	24	372	24.3	144	A6+	A6+	A5+	A5+	A9+
3500 lm	4000 K	28	125	24	372	24.3	144	A6+	A6+	A5+	A5+	A9+
4500 lm	3000 K	38.2	118	24	514	34	132	A5+	A5+	A4+	A4+	A8+
4500 lm	3000 K	38	118	24	514	34	132	A5+	A5+	A4+	A4+	A8+
4500 lm	4000 K	36.2	124	24	486	32.1	140	A6+	A6+	A5+	A5+	A9+
4500 lm	4000 K	35.9	125	24	486	32.1	140	A6+	A6+	A5+	A5+	A9+
6000 lm	3000 K	50.1	120	32	514	45.3	132	A5+	A6+	A4+	A4+	A8+
6000 lm	4000 K	47.6	126	32	486	42.8	140	A6+	A7+	A5+	A5+	A10+
7500 lm	3000 K	63.8	118	32	656	58.5	128	A5+	A5+	A4+	A4+	A8+
7500 lm	4000 K	60.2	125	32	620	55.1	136	A6+	A6+	A5+	A5+	A9+

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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
1500 lm	3000 K	12.3	122	16	234	10	150	A5+	A6+	A5+	A5+	A9+
1500 lm	4000 K	11.8	127	16	222	9.5	158	A6+	A7+	A5+	A5+	A10+
2500 lm	3000 K	20.1	124	16	400	17.4	144	A6+	A6+	A5+	A5+	A9+
2500 lm	4000 K	19.2	130	16	380	16.5	152	A6+	A7+	A6+	A6+	A10+
3500 lm	3000 K	27.8	126	24	372	24.2	145	A6+	A6+	A5+	A5+	A9+
3500 lm	3000 K	27.9	125	24	372	24.2	145	A6+	A6+	A5+	A5+	A9+
3500 lm	4000 K	26.5	132	24	352	22.9	153	A7+	A7+	A6+	A6+	A11+
3500 lm	4000 K	26.7	131	24	352	22.9	153	A6+	A7+	A6+	A6+	A10+
4500 lm	3000 K	36.1	125	24	486	32	141	A6+	A6+	A5+	A5+	A9+
4500 lm	3000 K	35.8	126	24	486	32	141	A6+	A6+	A5+	A5+	A9+
4500 lm	4000 K	34.1	132	24	460	30.2	149	A7+	A7+	A6+	A6+	A10+
4500 lm	4000 K	34	132	24	460	30.2	149	A7+	A7+	A6+	A6+	A11+
6000 lm	3000 K	47.4	127	32	486	42.7	141	A6+	A7+	A5+	A5+	A10+
6000 lm	4000 K	45	133	32	460	40.3	149	A7+	A8+	A6+	A6+	A11+
7500 lm	3000 K	60.1	125	32	618	55	136	A6+	A6+	A5+	A5+	A9+
7500 lm	4000 K	56.8	132	32	586	51.9	145	A7+	A7+	A6+	A6+	A11+

Optic: Type III - B

Screen finish: Prismatic

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	12.9	116	16	248	10.6	142	A4+	A5+	A4+	A4+	A8+
1500 lm	4000 K	12.4	121	16	236	10.1	149	A5+	A6+	A5+	A5+	A9+
2500 lm	3000 K	21.3	117	16	424	18.5	135	A5+	A5+	A4+	A4+	A8+
2500 lm	4000 K	20.3	123	16	400	17.5	143	A5+	A6+	A5+	A5+	A9+
3500 lm	3000 K	29.4	119	24	394	25.7	136	A5+	A6+	A4+	A4+	A8+
3500 lm	4000 K	27.9	125	24	372	24.3	144	A6+	A6+	A5+	A5+	A9+
3500 lm	4000 K	28	125	24	372	24.3	144	A6+	A6+	A5+	A5+	A9+
4500 lm	3000 K	38.2	118	24	514	34	132	A5+	A5+	A4+	A4+	A8+
4500 lm	3000 K	38	118	24	514	34	132	A5+	A5+	A4+	A4+	A8+
4500 lm	4000 K	36.2	124	24	486	32.1	140	A6+	A6+	A5+	A5+	A9+
4500 lm	4000 K	35.9	125	24	486	32.1	140	A6+	A6+	A5+	A5+	A9+
6000 lm	3000 K	50.1	120	32	514	45.3	132	A5+	A6+	A4+	A4+	A8+
6000 lm	4000 K	47.6	126	32	486	42.8	140	A6+	A7+	A5+	A5+	A10+
7500 lm	3000 K	63.8	118	32	656	58.5	128	A5+	A5+	A4+	A4+	A8+
7500 lm	4000 K	60.2	125	32	620	55.1	136	A6+	A6+	A5+	A5+	A9+

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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
1500 lm	3000 K	12.3	122	16	234	10	150	A5+	A6+	A5+	A5+	A9+
1500 lm	4000 K	11.8	127	16	222	9.5	158	A6+	A7+	A5+	A5+	A10+
2500 lm	3000 K	20.1	124	16	400	17.4	144	A6+	A6+	A5+	A5+	A9+
2500 lm	4000 K	19.2	130	16	380	16.5	152	A6+	A7+	A6+	A6+	A10+
3500 lm	3000 K	27.8	126	24	372	24.2	145	A6+	A6+	A5+	A5+	A9+
3500 lm	3000 K	27.9	125	24	372	24.2	145	A6+	A6+	A5+	A5+	A9+
3500 lm	4000 K	26.5	132	24	352	22.9	153	A7+	A7+	A6+	A6+	A11+
3500 lm	4000 K	26.7	131	24	352	22.9	153	A6+	A7+	A6+	A6+	A10+
4500 lm	3000 K	36.1	125	24	486	32	141	A6+	A6+	A5+	A5+	A9+
4500 lm	3000 K	35.8	126	24	486	32	141	A6+	A6+	A5+	A5+	A9+
4500 lm	4000 K	34.1	132	24	460	30.2	149	A7+	A7+	A6+	A6+	A10+
4500 lm	4000 K	34	132	24	460	30.2	149	A7+	A7+	A6+	A6+	A11+
6000 lm	3000 K	47.4	127	32	486	42.7	141	A6+	A7+	A5+	A5+	A10+
6000 lm	4000 K	45	133	32	460	40.3	149	A7+	A8+	A6+	A6+	A11+
7500 lm	3000 K	60.1	125	32	618	55	136	A6+	A6+	A5+	A5+	A9+
7500 lm	4000 K	56.8	132	32	586	51.9	145	A7+	A7+	A6+	A6+	A11+

Optic: Type III - C

Screen finish: Prismatic

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	12.9	116	16	248	10.6	142	A4+	A5+	A4+	A4+	A8+
1500 lm	4000 K	12.4	121	16	236	10.1	149	A5+	A6+	A5+	A5+	A9+
2500 lm	3000 K	21.3	117	16	424	18.5	135	A5+	A5+	A4+	A4+	A8+
2500 lm	4000 K	20.3	123	16	400	17.5	143	A5+	A6+	A5+	A5+	A9+
3500 lm	3000 K	29.4	119	24	394	25.7	136	A5+	A6+	A4+	A4+	A8+
3500 lm	4000 K	27.9	125	24	372	24.3	144	A6+	A6+	A5+	A5+	A9+
3500 lm	4000 K	28	125	24	372	24.3	144	A6+	A6+	A5+	A5+	A9+
4500 lm	3000 K	38.2	118	24	514	34	132	A5+	A5+	A4+	A4+	A8+
4500 lm	3000 K	38	118	24	514	34	132	A5+	A5+	A4+	A4+	A8+
4500 lm	4000 K	36.2	124	24	486	32.1	140	A6+	A6+	A5+	A5+	A9+
4500 lm	4000 K	35.9	125	24	486	32.1	140	A6+	A6+	A5+	A5+	A9+
6000 lm	3000 K	50.1	120	32	514	45.3	132	A5+	A6+	A4+	A4+	A8+
6000 lm	4000 K	47.6	126	32	486	42.8	140	A6+	A7+	A5+	A5+	A10+
7500 lm	3000 K	63.8	118	32	656	58.5	128	A5+	A5+	A4+	A4+	A8+
7500 lm	4000 K	60.2	125	32	620	55.1	136	A6+	A6+	A5+	A5+	A9+

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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
1500 lm	3000 K	12.3	122	16	234	10	150	A5+	A6+	A5+	A5+	A9+
1500 lm	4000 K	11.8	127	16	222	9.5	158	A6+	A7+	A5+	A5+	A10+
2500 lm	3000 K	20.1	124	16	400	17.4	144	A6+	A6+	A5+	A5+	A9+
2500 lm	4000 K	19.2	130	16	380	16.5	152	A6+	A7+	A6+	A6+	A10+
3500 lm	3000 K	27.8	126	24	372	24.2	145	A6+	A6+	A5+	A5+	A9+
3500 lm	3000 K	27.9	125	24	372	24.2	145	A6+	A6+	A5+	A5+	A9+
3500 lm	4000 K	26.5	132	24	352	22.9	153	A7+	A7+	A6+	A6+	A11+
3500 lm	4000 K	26.7	131	24	352	22.9	153	A6+	A7+	A6+	A6+	A10+
4500 lm	3000 K	36.1	125	24	486	32	141	A6+	A6+	A5+	A5+	A9+
4500 lm	3000 K	35.8	126	24	486	32	141	A6+	A6+	A5+	A5+	A9+
4500 lm	4000 K	34.1	132	24	460	30.2	149	A7+	A7+	A6+	A6+	A10+
4500 lm	4000 K	34	132	24	460	30.2	149	A7+	A7+	A6+	A6+	A11+
6000 lm	3000 K	47.4	127	32	486	42.7	141	A6+	A7+	A5+	A5+	A10+
6000 lm	4000 K	45	133	32	460	40.3	149	A7+	A8+	A6+	A6+	A11+
7500 lm	3000 K	60.1	125	32	618	55	136	A6+	A6+	A5+	A5+	A9+
7500 lm	4000 K	56.8	132	32	586	51.9	145	A7+	A7+	A6+	A6+	A11+

Optic: Type III - Asymmetric

Screen finish: Prismatic

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	12.9	116	16	248	10.6	142	A4+	A5+	A4+	A4+	A8+
1500 lm	4000 K	12.4	121	16	236	10.1	149	A5+	A6+	A5+	A5+	A9+
2500 lm	3000 K	21.3	117	16	424	18.5	135	A5+	A5+	A4+	A4+	A8+
2500 lm	4000 K	20.3	123	16	400	17.5	143	A5+	A6+	A5+	A5+	A9+
3500 lm	3000 K	29.4	119	24	394	25.7	136	A5+	A6+	A4+	A4+	A8+
3500 lm	4000 K	27.9	125	24	372	24.3	144	A6+	A6+	A5+	A5+	A9+
3500 lm	4000 K	28	125	24	372	24.3	144	A6+	A6+	A5+	A5+	A9+
4500 lm	3000 K	38.2	118	24	514	34	132	A5+	A5+	A4+	A4+	A8+
4500 lm	3000 K	38	118	24	514	34	132	A5+	A5+	A4+	A4+	A8+
4500 lm	4000 K	36.2	124	24	486	32.1	140	A6+	A6+	A5+	A5+	A9+
4500 lm	4000 K	35.9	125	24	486	32.1	140	A6+	A6+	A5+	A5+	A9+
6000 lm	3000 K	50.1	120	32	514	45.3	132	A5+	A6+	A4+	A4+	A8+
6000 lm	4000 K	47.6	126	32	486	42.8	140	A6+	A7+	A5+	A5+	A10+
7500 lm	3000 K	63.8	118	32	656	58.5	128	A5+	A5+	A4+	A4+	A8+
7500 lm	4000 K	60.2	125	32	620	55.1	136	A6+	A6+	A5+	A5+	A9+

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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	12.3	122	16	234	10	150	A5+	A6+	A5+	A5+	A9+
1500 lm	4000 K	11.8	127	16	222	9.5	158	A6+	A7+	A5+	A5+	A10+
2500 lm	3000 K	20.1	124	16	400	17.4	144	A6+	A6+	A5+	A5+	A9+
2500 lm	4000 K	19.2	130	16	380	16.5	152	A6+	A7+	A6+	A6+	A10+
3500 lm	3000 K	27.8	126	24	372	24.2	145	A6+	A6+	A5+	A5+	A9+
3500 lm	3000 K	27.9	125	24	372	24.2	145	A6+	A6+	A5+	A5+	A9+
3500 lm	4000 K	26.5	132	24	352	22.9	153	A7+	A7+	A6+	A6+	A11+
3500 lm	4000 K	26.7	131	24	352	22.9	153	A6+	A7+	A6+	A6+	A10+
4500 lm	3000 K	36.1	125	24	486	32	141	A6+	A6+	A5+	A5+	A9+
4500 lm	3000 K	35.8	126	24	486	32	141	A6+	A6+	A5+	A5+	A9+
4500 lm	4000 K	34.1	132	24	460	30.2	149	A7+	A7+	A6+	A6+	A10+
4500 lm	4000 K	34	132	24	460	30.2	149	A7+	A7+	A6+	A6+	A11+
6000 lm	3000 K	47.4	127	32	486	42.7	141	A6+	A7+	A5+	A5+	A10+
6000 lm	4000 K	45	133	32	460	40.3	149	A7+	A8+	A6+	A6+	A11+
7500 lm	3000 K	60.1	125	32	618	55	136	A6+	A6+	A5+	A5+	A9+
7500 lm	4000 K	56.8	132	32	586	51.9	145	A7+	A7+	A6+	A6+	A11+

Optic: Type IV - Forward throw

Screen finish: Prismatic

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	12.9	116	16	248	10.6	142	A4+	A5+	A4+	A4+	A8+
1500 lm	4000 K	12.4	121	16	236	10.1	149	A5+	A6+	A5+	A5+	A9+
2500 lm	3000 K	21.3	117	16	424	18.5	135	A5+	A5+	A4+	A4+	A8+
2500 lm	4000 K	20.3	123	16	400	17.5	143	A5+	A6+	A5+	A5+	A9+
3500 lm	3000 K	29.4	119	24	394	25.7	136	A5+	A6+	A4+	A4+	A8+
3500 lm	4000 K	27.9	125	24	372	24.3	144	A6+	A6+	A5+	A5+	A9+
3500 lm	4000 K	28	125	24	372	24.3	144	A6+	A6+	A5+	A5+	A9+
4500 lm	3000 K	38.2	118	24	514	34	132	A5+	A5+	A4+	A4+	A8+
4500 lm	3000 K	38	118	24	514	34	132	A5+	A5+	A4+	A4+	A8+
4500 lm	4000 K	36.2	124	24	486	32.1	140	A6+	A6+	A5+	A5+	A9+
4500 lm	4000 K	35.9	125	24	486	32.1	140	A6+	A6+	A5+	A5+	A9+
6000 lm	3000 K	50.1	120	32	514	45.3	132	A5+	A6+	A4+	A4+	A8+
6000 lm	4000 K	47.6	126	32	486	42.8	140	A6+	A7+	A5+	A5+	A10+
7500 lm	3000 K	63.8	118	32	656	58.5	128	A5+	A5+	A4+	A4+	A8+
7500 lm	4000 K	60.2	125	32	620	55.1	136	A6+	A6+	A5+	A5+	A9+

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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
1500 lm	3000 K	12.3	122	16	234	10	150	A5+	A6+	A5+	A5+	A9+
1500 lm	4000 K	11.8	127	16	222	9.5	158	A6+	A7+	A5+	A5+	A10+
2500 lm	3000 K	20.1	124	16	400	17.4	144	A6+	A6+	A5+	A5+	A9+
2500 lm	4000 K	19.2	130	16	380	16.5	152	A6+	A7+	A6+	A6+	A10+
3500 lm	3000 K	27.8	126	24	372	24.2	145	A6+	A6+	A5+	A5+	A9+
3500 lm	3000 K	27.9	125	24	372	24.2	145	A6+	A6+	A5+	A5+	A9+
3500 lm	4000 K	26.5	132	24	352	22.9	153	A7+	A7+	A6+	A6+	A11+
3500 lm	4000 K	26.7	131	24	352	22.9	153	A6+	A7+	A6+	A6+	A10+
4500 lm	3000 K	36.1	125	24	486	32	141	A6+	A6+	A5+	A5+	A9+
4500 lm	3000 K	35.8	126	24	486	32	141	A6+	A6+	A5+	A5+	A9+
4500 lm	4000 K	34.1	132	24	460	30.2	149	A7+	A7+	A6+	A6+	A10+
4500 lm	4000 K	34	132	24	460	30.2	149	A7+	A7+	A6+	A6+	A11+
6000 lm	3000 K	47.4	127	32	486	42.7	141	A6+	A7+	A5+	A5+	A10+
6000 lm	4000 K	45	133	32	460	40.3	149	A7+	A8+	A6+	A6+	A11+
7500 lm	3000 K	60.1	125	32	618	55	136	A6+	A6+	A5+	A5+	A9+
7500 lm	4000 K	56.8	132	32	586	51.9	145	A7+	A7+	A6+	A6+	A11+

Optic: Type IV - C

Screen finish: Prismatic

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	12.9	116	16	248	10.6	142	A4+	A5+	A4+	A4+	A8+
1500 lm	4000 K	12.4	121	16	236	10.1	149	A5+	A6+	A5+	A5+	A9+
2500 lm	3000 K	21.3	117	16	424	18.5	135	A5+	A5+	A4+	A4+	A8+
2500 lm	4000 K	20.3	123	16	400	17.5	143	A5+	A6+	A5+	A5+	A9+
3500 lm	3000 K	29.4	119	24	394	25.7	136	A5+	A6+	A4+	A4+	A8+
3500 lm	4000 K	27.9	125	24	372	24.3	144	A6+	A6+	A5+	A5+	A9+
3500 lm	4000 K	28	125	24	372	24.3	144	A6+	A6+	A5+	A5+	A9+
4500 lm	3000 K	38.2	118	24	514	34	132	A5+	A5+	A4+	A4+	A8+
4500 lm	3000 K	38	118	24	514	34	132	A5+	A5+	A4+	A4+	A8+
4500 lm	4000 K	36.2	124	24	486	32.1	140	A6+	A6+	A5+	A5+	A9+
4500 lm	4000 K	35.9	125	24	486	32.1	140	A6+	A6+	A5+	A5+	A9+
6000 lm	3000 K	50.1	120	32	514	45.3	132	A5+	A6+	A4+	A4+	A8+
6000 lm	4000 K	47.6	126	32	486	42.8	140	A6+	A7+	A5+	A5+	A10+
7500 lm	3000 K	63.8	118	32	656	58.5	128	A5+	A5+	A4+	A4+	A8+
7500 lm	4000 K	60.2	125	32	620	55.1	136	A6+	A6+	A5+	A5+	A9+

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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
1500 lm	3000 K	12.3	122	16	234	10	150	A5+	A6+	A5+	A5+	A9+
1500 lm	4000 K	11.8	127	16	222	9.5	158	A6+	A7+	A5+	A5+	A10+
2500 lm	3000 K	20.1	124	16	400	17.4	144	A6+	A6+	A5+	A5+	A9+
2500 lm	4000 K	19.2	130	16	380	16.5	152	A6+	A7+	A6+	A6+	A10+
3500 lm	3000 K	27.8	126	24	372	24.2	145	A6+	A6+	A5+	A5+	A9+
3500 lm	3000 K	27.9	125	24	372	24.2	145	A6+	A6+	A5+	A5+	A9+
3500 lm	4000 K	26.5	132	24	352	22.9	153	A7+	A7+	A6+	A6+	A11+
3500 lm	4000 K	26.7	131	24	352	22.9	153	A6+	A7+	A6+	A6+	A10+
4500 lm	3000 K	36.1	125	24	486	32	141	A6+	A6+	A5+	A5+	A9+
4500 lm	3000 K	35.8	126	24	486	32	141	A6+	A6+	A5+	A5+	A9+
4500 lm	4000 K	34.1	132	24	460	30.2	149	A7+	A7+	A6+	A6+	A10+
4500 lm	4000 K	34	132	24	460	30.2	149	A7+	A7+	A6+	A6+	A11+
6000 lm	3000 K	47.4	127	32	486	42.7	141	A6+	A7+	A5+	A5+	A10+
6000 lm	4000 K	45	133	32	460	40.3	149	A7+	A8+	A6+	A6+	A11+
7500 lm	3000 K	60.1	125	32	618	55	136	A6+	A6+	A5+	A5+	A9+
7500 lm	4000 K	56.8	132	32	586	51.9	145	A7+	A7+	A6+	A6+	A11+

Optic: Type V - Rotosymmetric

Screen finish: Prismatic

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	12.9	116	16	248	10.6	142	A4+	A5+	A4+	A4+	A8+
1500 lm	4000 K	12.4	121	16	236	10.1	149	A5+	A6+	A5+	A5+	A9+
2500 lm	3000 K	21.3	117	16	424	18.5	135	A5+	A5+	A4+	A4+	A8+
2500 lm	4000 K	20.3	123	16	400	17.5	143	A5+	A6+	A5+	A5+	A9+
3500 lm	3000 K	29.4	119	24	394	25.7	136	A5+	A6+	A4+	A4+	A8+
3500 lm	4000 K	27.9	125	24	372	24.3	144	A6+	A6+	A5+	A5+	A9+
3500 lm	4000 K	28	125	24	372	24.3	144	A6+	A6+	A5+	A5+	A9+
4500 lm	3000 K	38.2	118	24	514	34	132	A5+	A5+	A4+	A4+	A8+
4500 lm	3000 K	38	118	24	514	34	132	A5+	A5+	A4+	A4+	A8+
4500 lm	4000 K	36.2	124	24	486	32.1	140	A6+	A6+	A5+	A5+	A9+
4500 lm	4000 K	35.9	125	24	486	32.1	140	A6+	A6+	A5+	A5+	A9+
6000 lm	3000 K	50.1	120	32	514	45.3	132	A5+	A6+	A4+	A4+	A8+
6000 lm	4000 K	47.6	126	32	486	42.8	140	A6+	A7+	A5+	A5+	A10+
7500 lm	3000 K	63.8	118	32	656	58.5	128	A5+	A5+	A4+	A4+	A8+
7500 lm	4000 K	60.2	125	32	620	55.1	136	A6+	A6+	A5+	A5+	A9+