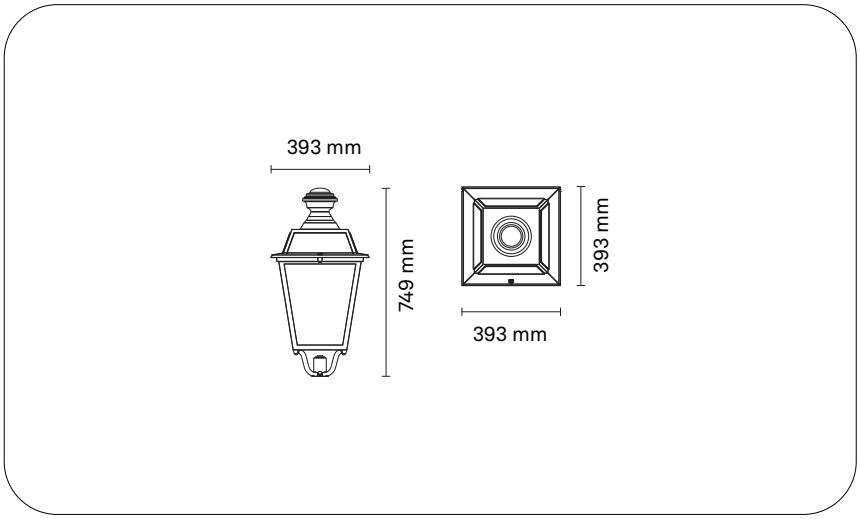
NERI

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

LIGHT 803 | LUMINAIRE | POST TOP ENTRY | SIDE DIFFUSERS





CE 15 PLUS IP66 IK09 Classe II

ORDERING INFORMATION / GUIDE

Example: **LU80302-N-D28-730-L075-SG-V1-F27-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	**SG** Frosted	**V1** 220V-240V	**F27** ON/OFF+CLO	**M2** Class II	**CN0** Grey [Neri] Textured
D36 Type II - Asymmetric	**740** Ra70 4000 K	**L025** 2500 lm			**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		**L090** 9000 lm					
D30 Type V - Rotosymmetric		**L105** 10500 lm					

Generated code: **LU80302 - N** - _ _ _ - _ _ _ - _ _ _ _ - _ _ - _ _ - _ _ _ - _ _ - _ _ _

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

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LIGHT 803 | LUMINAIRE | POST TOP ENTRY | SIDE DIFFUSERS

SOURCE

High-power LED matrix.

Energy-efficiency class: C, D
LED forward current: 200-796 mA
Power rating: 8.6-71.9 W
Nominal Flux: 1500-10500 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 = 84-87% ULOR = 8%
LED quantity: 16, 24, 32
Cutoff Angle: Non Cutoff, Semi Cutoff C = 0, 90° γ = 56, 64°
Luminous flux: 1260-9135 lm
Luminous efficacy: 111-128 lm/W
Maximum luminous intensity γ 90°: ≤63.22 cd/klm
Luminous intensity class: G*1, G*U
IPEA: Road A++ / A4+, Urban A3+ / A5+, Ped A++ / A4+, Park A++ / A4+, Art A5+ / A8+
BUG: B=0-3, U=3-4, 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.
ENEC safety mark.
ENEC+ safety and performance mark.

Luminaire power: 10.8-79.7 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 a Ø 28 mm flange for mounting.
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 surge protectors or remote control systems.

Length: 393 mm
Width: 393 mm
Height: 749 mm
Weight: 7.9 kg
Wind-exposed area: 0.11 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.

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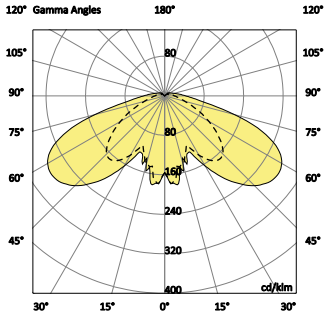
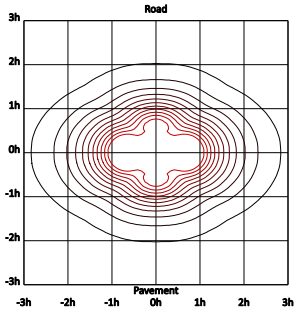
LIGHT 803 | LUMINAIRE | POST TOP ENTRY | SIDE DIFFUSERS

Optic: Type I - Center road

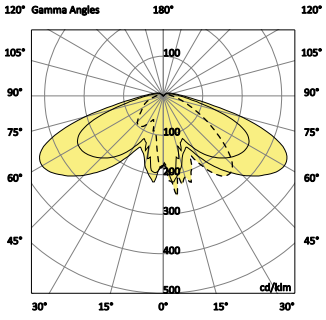
Screen finish: Frosted

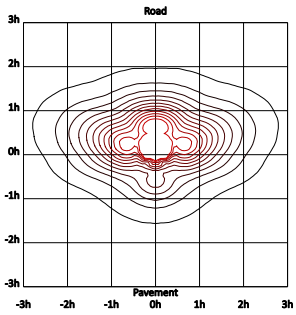




Optic: Type II - Asymmetric

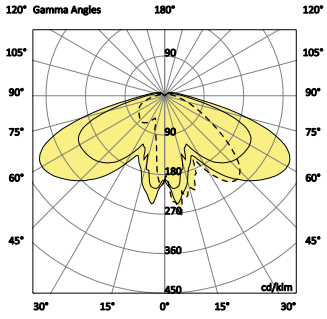
Screen finish: Frosted

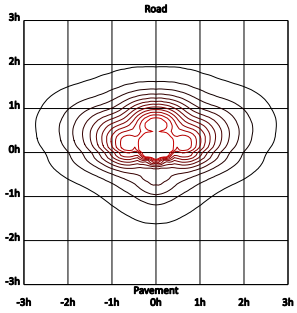




Optic: Type III - B

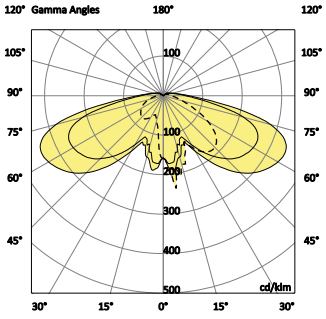
Screen finish: Frosted

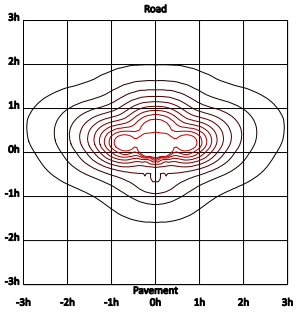




Optic: Type III - C

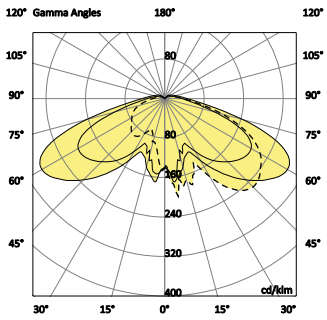
Screen finish: Frosted

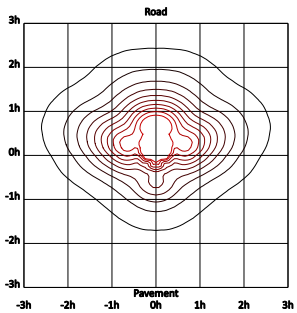




Optic: Type III - Asymmetric

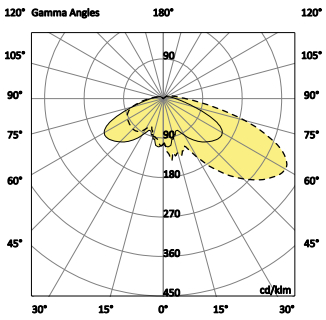
Screen finish: Frosted

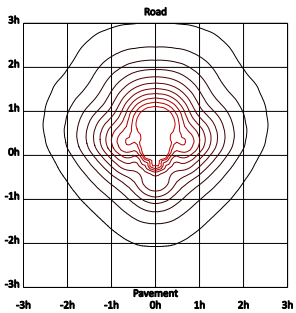




Optic: Type IV - Forward throw

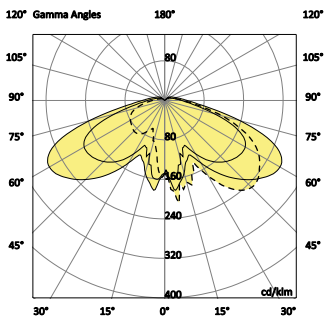
Screen finish: Frosted

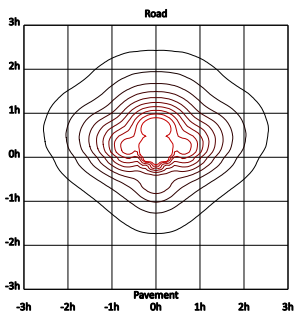




Optic: Type IV - C

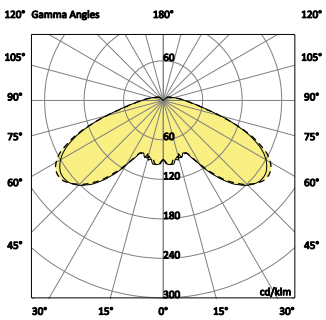
Screen finish: Frosted

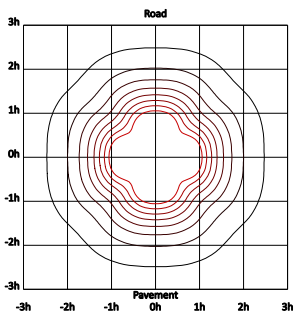




Optic: Type V - Rotosymmetric

Screen finish: Frosted





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LIGHT 803 | LUMINAIRE | POST TOP ENTRY | SIDE DIFFUSERS

Optic: Type I - Center road

Screen finish: Frosted

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	11.2	117	16	210	9	167	A3+	A4+	A3+	A3+	A6+
1500 lm	4000 K	10.8	121	16	200	8.6	174	A4+	A4+	A3+	A3+	A7+
2500 lm	3000 K	18.1	120	16	356	15.5	161	A3+	A4+	A3+	A3+	A7+
2500 lm	4000 K	17.3	126	16	340	14.7	170	A4+	A5+	A4+	A4+	A8+
3500 lm	3000 K	26.3	116	16	510	22.5	156	A3+	A4+	A3+	A3+	A6+
3500 lm	4000 K	25.2	121	16	486	21.4	164	A4+	A4+	A3+	A3+	A7+
4500 lm	3000 K	32.1	122	24	432	28.4	158	A4+	A4+	A3+	A3+	A7+
4500 lm	4000 K	30.7	128	24	412	27	167	A4+	A5+	A4+	A4+	A8+
6000 lm	3000 K	44.9	116	24	590	39.2	153	A3+	A4+	A3+	A3+	A6+
6000 lm	4000 K	42.9	122	24	562	37.3	161	A4+	A4+	A3+	A3+	A7+
7500 lm	3000 K	54.5	120	32	550	48.6	154	A3+	A4+	A3+	A3+	A7+
7500 lm	4000 K	52	125	32	524	46.2	162	A4+	A5+	A4+	A4+	A8+
9000 lm	3000 K	66.3	118	32	672	60	150	A3+	A4+	A++	A++	A6+
9000 lm	4000 K	63.1	124	32	640	56.9	158	A4+	A5+	A4+	A4+	A7+
10500 lm	3000 K	79.7	115	32	796	71.9	146	A++	A3+	A++	A++	A6+
10500 lm	4000 K	75.9	120	32	758	68.2	154	A3+	A4+	A++	A++	A7+

Optic: Type II - Asymmetric

Screen finish: Frosted

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	11.2	115	16	210	9	167	A3+	A3+	A++	A++	A6+
1500 lm	4000 K	10.8	119	16	200	8.6	174	A3+	A4+	A3+	A3+	A7+
2500 lm	3000 K	18.1	119	16	356	15.5	161	A3+	A4+	A3+	A3+	A7+
2500 lm	4000 K	17.3	124	16	340	14.7	170	A4+	A5+	A4+	A4+	A7+
3500 lm	3000 K	26.3	114	16	510	22.5	156	A3+	A3+	A++	A++	A6+
3500 lm	4000 K	25.2	119	16	486	21.4	164	A3+	A4+	A3+	A3+	A7+
4500 lm	3000 K	32.1	121	24	432	28.4	158	A4+	A4+	A3+	A3+	A7+
4500 lm	4000 K	30.7	126	24	412	27	167	A4+	A5+	A4+	A4+	A8+
6000 lm	3000 K	44.9	115	24	590	39.2	153	A3+	A3+	A++	A++	A6+
6000 lm	4000 K	42.9	120	24	562	37.3	161	A3+	A4+	A3+	A3+	A7+
7500 lm	3000 K	54.5	118	32	550	48.6	154	A3+	A4+	A3+	A3+	A6+
7500 lm	4000 K	52	124	32	524	46.2	162	A4+	A5+	A4+	A4+	A7+
9000 lm	3000 K	66.3	117	32	672	60	150	A3+	A4+	A++	A++	A6+
9000 lm	4000 K	63.1	123	32	640	56.9	158	A4+	A4+	A3+	A3+	A7+
10500 lm	3000 K	79.7	113	32	796	71.9	146	A++	A3+	A+	A+	A6+
10500 lm	4000 K	75.9	119	32	758	68.2	154	A3+	A4+	A++	A++	A7+

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LIGHT 803 | LUMINAIRE | POST TOP ENTRY | SIDE DIFFUSERS

Optic: Type III - B

Screen finish: Frosted

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	11.2	114	16	210	9	167	A3+	A3+	A++	A++	A6+
1500 lm	4000 K	10.8	118	16	200	8.6	174	A3+	A4+	A3+	A3+	A6+
2500 lm	3000 K	18.1	117	16	356	15.5	161	A3+	A4+	A3+	A3+	A6+
2500 lm	4000 K	17.3	123	16	340	14.7	170	A4+	A4+	A3+	A3+	A7+
3500 lm	3000 K	26.3	113	16	510	22.5	156	A3+	A3+	A++	A++	A6+
3500 lm	4000 K	25.2	118	16	486	21.4	164	A3+	A4+	A3+	A3+	A6+
4500 lm	3000 K	32.1	119	24	432	28.4	158	A3+	A4+	A3+	A3+	A7+
4500 lm	4000 K	30.7	125	24	412	27	167	A4+	A5+	A4+	A4+	A7+
6000 lm	3000 K	44.9	114	24	590	39.2	153	A3+	A3+	A++	A++	A6+
6000 lm	4000 K	42.9	119	24	562	37.3	161	A3+	A4+	A3+	A3+	A7+
7500 lm	3000 K	54.5	117	32	550	48.6	154	A3+	A4+	A3+	A3+	A6+
7500 lm	4000 K	52	123	32	524	46.2	162	A4+	A4+	A3+	A3+	A7+
9000 lm	3000 K	66.3	115	32	672	60	150	A++	A3+	A++	A++	A6+
9000 lm	4000 K	63.1	121	32	640	56.9	158	A4+	A4+	A3+	A3+	A7+
10500 lm	3000 K	79.7	112	32	796	71.9	146	A++	A3+	A+	A+	A5+
10500 lm	4000 K	75.9	118	32	758	68.2	154	A3+	A4+	A++	A++	A6+

Optic: Type III - C

Screen finish: Frosted

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	11.2	114	16	210	9	167	A3+	A3+	A++	A++	A6+
1500 lm	4000 K	10.8	118	16	200	8.6	174	A3+	A4+	A3+	A3+	A6+
2500 lm	3000 K	18.1	117	16	356	15.5	161	A3+	A4+	A3+	A3+	A6+
2500 lm	4000 K	17.3	123	16	340	14.7	170	A4+	A4+	A3+	A3+	A7+
3500 lm	3000 K	26.3	113	16	510	22.5	156	A3+	A3+	A++	A++	A6+
3500 lm	4000 K	25.2	118	16	486	21.4	164	A3+	A4+	A3+	A3+	A6+
4500 lm	3000 K	32.1	119	24	432	28.4	158	A3+	A4+	A3+	A3+	A6+
4500 lm	4000 K	30.7	125	24	412	27	167	A4+	A5+	A4+	A4+	A7+
6000 lm	3000 K	44.9	114	24	590	39.2	153	A3+	A3+	A++	A++	A6+
6000 lm	4000 K	42.9	119	24	562	37.3	161	A3+	A4+	A3+	A3+	A6+
7500 lm	3000 K	54.5	117	32	550	48.6	154	A3+	A4+	A3+	A3+	A6+
7500 lm	4000 K	52	123	32	524	46.2	162	A4+	A4+	A3+	A3+	A7+
9000 lm	3000 K	66.3	115	32	672	60	150	A++	A3+	A++	A++	A6+
9000 lm	4000 K	63.1	121	32	640	56.9	158	A4+	A4+	A3+	A3+	A7+
10500 lm	3000 K	79.7	112	32	796	71.9	146	A++	A3+	A+	A+	A5+
10500 lm	4000 K	75.9	118	32	758	68.2	154	A3+	A4+	A++	A++	A6+

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LIGHT 803 | LUMINAIRE | POST TOP ENTRY | SIDE DIFFUSERS

Optic: Type III - Asymmetric

Screen finish: Frosted

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	11.2	114	16	210	9	167	A3+	A3+	A++	A++	A6+
1500 lm	4000 K	10.8	118	16	200	8.6	174	A3+	A4+	A3+	A3+	A6+
2500 lm	3000 K	18.1	117	16	356	15.5	161	A3+	A4+	A3+	A3+	A6+
2500 lm	4000 K	17.3	123	16	340	14.7	170	A4+	A4+	A3+	A3+	A7+
3500 lm	3000 K	26.3	113	16	510	22.5	156	A3+	A3+	A++	A++	A6+
3500 lm	4000 K	25.2	118	16	486	21.4	164	A3+	A4+	A3+	A3+	A6+
4500 lm	3000 K	32.1	119	24	432	28.4	158	A3+	A4+	A3+	A3+	A7+
4500 lm	4000 K	30.7	125	24	412	27	167	A4+	A5+	A4+	A4+	A7+
6000 lm	3000 K	44.9	114	24	590	39.2	153	A3+	A3+	A++	A++	A6+
6000 lm	4000 K	42.9	119	24	562	37.3	161	A3+	A4+	A3+	A3+	A6+
7500 lm	3000 K	54.5	117	32	550	48.6	154	A3+	A4+	A3+	A3+	A6+
7500 lm	4000 K	52	123	32	524	46.2	162	A4+	A4+	A3+	A3+	A7+
9000 lm	3000 K	66.3	115	32	672	60	150	A++	A3+	A++	A++	A6+
9000 lm	4000 K	63.1	121	32	640	56.9	158	A4+	A4+	A3+	A3+	A7+
10500 lm	3000 K	79.7	112	32	796	71.9	146	A++	A3+	A+	A+	A5+
10500 lm	4000 K	75.9	118	32	758	68.2	154	A3+	A4+	A++	A++	A6+

Optic: Type IV - Forward throw

Screen finish: Frosted

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	11.2	112	16	210	9	167	A++	A3+	A++	A++	A5+
1500 lm	4000 K	10.8	117	16	200	8.6	174	A3+	A4+	A3+	A3+	A6+
2500 lm	3000 K	18.1	116	16	356	15.5	161	A3+	A3+	A++	A++	A6+
2500 lm	4000 K	17.3	121	16	340	14.7	170	A4+	A4+	A3+	A3+	A7+
3500 lm	3000 K	26.3	112	16	510	22.5	156	A++	A3+	A++	A++	A5+
3500 lm	4000 K	25.2	117	16	486	21.4	164	A3+	A4+	A3+	A3+	A6+
4500 lm	3000 K	32.1	118	24	432	28.4	158	A3+	A4+	A3+	A3+	A6+
4500 lm	4000 K	30.7	123	24	412	27	167	A4+	A4+	A3+	A3+	A7+
6000 lm	3000 K	44.9	112	24	590	39.2	153	A++	A3+	A++	A++	A5+
6000 lm	4000 K	42.9	117	24	562	37.3	161	A3+	A4+	A3+	A3+	A6+
7500 lm	3000 K	54.5	116	32	550	48.6	154	A3+	A3+	A++	A++	A6+
7500 lm	4000 K	52	121	32	524	46.2	162	A3+	A4+	A3+	A3+	A7+
9000 lm	3000 K	66.3	114	32	672	60	150	A++	A3+	A+	A+	A6+
9000 lm	4000 K	63.1	120	32	640	56.9	158	A3+	A4+	A3+	A3+	A7+
10500 lm	3000 K	79.7	111	32	796	71.9	146	A++	A3+	A+	A+	A5+
10500 lm	4000 K	75.9	116	32	758	68.2	154	A++	A3+	A++	A++	A6+

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LIGHT 803 | LUMINAIRE | POST TOP ENTRY | SIDE DIFFUSERS

Optic: Type IV - C

Screen finish: Frosted

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	11.2	113	16	210	9	167	A++	A3+	A++	A++	A5+
1500 lm	4000 K	10.8	117	16	200	8.6	174	A3+	A4+	A3+	A3+	A6+
2500 lm	3000 K	18.1	116	16	356	15.5	161	A3+	A4+	A3+	A3+	A6+
2500 lm	4000 K	17.3	121	16	340	14.7	170	A4+	A4+	A3+	A3+	A7+
3500 lm	3000 K	26.3	112	16	510	22.5	156	A++	A3+	A++	A++	A5+
3500 lm	4000 K	25.2	117	16	486	21.4	164	A3+	A4+	A3+	A3+	A6+
4500 lm	3000 K	32.1	118	24	432	28.4	158	A3+	A4+	A3+	A3+	A6+
4500 lm	4000 K	30.7	123	24	412	27	167	A4+	A4+	A3+	A3+	A7+
6000 lm	3000 K	44.9	112	24	590	39.2	153	A++	A3+	A++	A++	A5+
6000 lm	4000 K	42.9	117	24	562	37.3	161	A3+	A4+	A3+	A3+	A6+
7500 lm	3000 K	54.5	116	32	550	48.6	154	A3+	A3+	A++	A++	A6+
7500 lm	4000 K	52	121	32	524	46.2	162	A4+	A4+	A3+	A3+	A7+
9000 lm	3000 K	66.3	114	32	672	60	150	A++	A3+	A+	A+	A6+
9000 lm	4000 K	63.1	120	32	640	56.9	158	A3+	A4+	A3+	A3+	A7+
10500 lm	3000 K	79.7	111	32	796	71.9	146	A++	A3+	A+	A+	A5+
10500 lm	4000 K	75.9	116	32	758	68.2	154	A3+	A4+	A++	A++	A6+

Optic: Type V - Rotosymmetric

Screen finish: Frosted

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	11.2	115	16	210	9	167	A3+	A3+	A++	A++	A6+
1500 lm	4000 K	10.8	119	16	200	8.6	174	A3+	A4+	A3+	A3+	A7+
2500 lm	3000 K	18.1	119	16	356	15.5	161	A3+	A4+	A3+	A3+	A6+
2500 lm	4000 K	17.3	124	16	340	14.7	170	A4+	A5+	A3+	A3+	A7+
3500 lm	3000 K	26.3	114	16	510	22.5	156	A3+	A3+	A++	A++	A6+
3500 lm	4000 K	25.2	119	16	486	21.4	164	A3+	A4+	A3+	A3+	A7+
4500 lm	3000 K	32.1	121	24	432	28.4	158	A3+	A4+	A3+	A3+	A7+
4500 lm	4000 K	30.7	126	24	412	27	167	A4+	A5+	A4+	A4+	A7+
6000 lm	3000 K	44.9	115	24	590	39.2	153	A3+	A3+	A++	A++	A6+
6000 lm	4000 K	42.9	120	24	562	37.3	161	A3+	A4+	A3+	A3+	A7+
7500 lm	3000 K	54.5	118	32	550	48.6	154	A3+	A4+	A3+	A3+	A6+
7500 lm	4000 K	52	124	32	524	46.2	162	A4+	A5+	A3+	A3+	A7+
9000 lm	3000 K	66.3	117	32	672	60	150	A3+	A4+	A++	A++	A6+
9000 lm	4000 K	63.1	123	32	640	56.9	158	A4+	A4+	A3+	A3+	A7+
10500 lm	3000 K	79.7	113	32	796	71.9	146	A++	A3+	A+	A+	A6+
10500 lm	4000 K	75.9	119	32	758	68.2	154	A3+	A4+	A++	A++	A6+

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