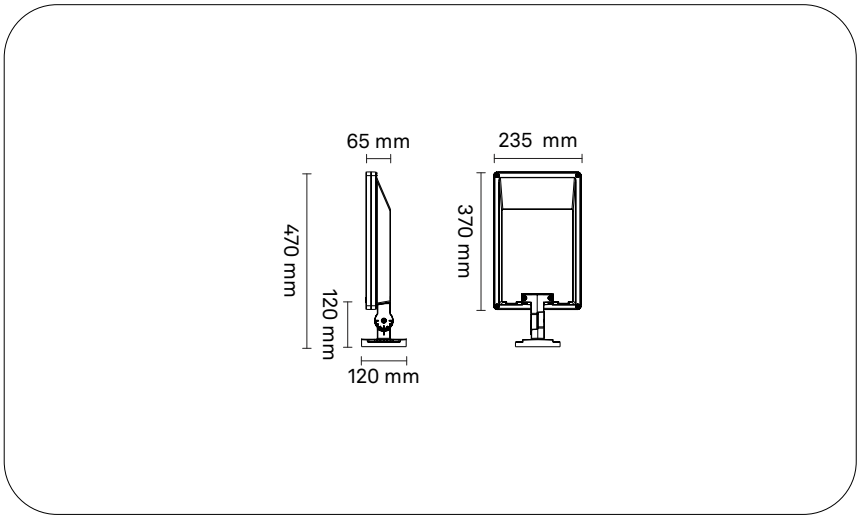
NERI

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

PIXIS SURFACE | LUMINAIRE | PIXIS SURFACE STREET





IP66 IK10 Classe II

ORDERING INFORMATION / GUIDE

Example**: LUPIX02-N-D25-830-L015-ST-V1-F06-M2-CN0**

OPTIQUE	RA+K	LUMINOUS FLUX	SCREEN FINISH	POWER SUPPLY	DRIVER FUNCTION	ISO CLASS	FINISH
D25 Type III - C	**827** Ra80 2700 K	**L015** 1500 lm	**ST** Transparent	**V1** 220V-240V	**F06** DALI+CLO	**M2** Class II	**CN0** Grey [Neri] Textured
D37 Type III - Asymmetric	**830** Ra80 3000 K	**L025** 2500 lm			**F44** D4i+CASAMBI		
D59 Type III - H + BLC	**840** Ra80 4000 K	**L030** 3000 lm			**F50** NVLK+CLO		
D24 Type IV - Forward throw	**8T2** Ra80 TW 2200-4000 K	**L035** 3500 lm					
D58 Type IV - A + BLC		**L045** 4500 lm					
D18 Type V - B		**L050** 5000 lm					
		L060 6000 lm					
		L075 7500 lm					

Generated code: **LUPIX02 - N** - _ _ _ - _ _ _ - _ _ _ _ - _ _ - _ _ - _ _ _ - _ _ - _ _ _

CONFIGURATION NOTES
The product features shown in this datasheet cannot always be freely combined.
To verify the configurations actually available and define the corresponding product code, please use the configurator available on our website.

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

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SOURCE

High-power LED matrix.

Energy-efficiency class: D, E
LED forward current: 152-980 mA
Power rating: 8.7-67.3 W
Nominal Flux: 1500-7500 lm
Nominal CCT (Colour temperature): 2700 K, 3000 K, 4000 K, TW 2200-4000 K
Color Rendering Index (Ra): 80
Standard Deviation Colour Matching: ≤5
ANSI/IES TM-30: Rf = 83-85 Rg = 95-96
Rated lifetime: L90B10 100000 h @ Tq = 25 °C

LIGHTING CHARACTERISTICS

Modular 2x2 refractive lenses in PMMA.

Optique: Type III - C, Type III - Asymmetric, Type III - H + BLC, Type IV - Forward throw, Type IV - A + BLC, Type V - B
Optical efficiency: LOR = 100% ULOR = 0%
LED quantity: 16, 24
Cutoff Angle: Cutoff, Semi Cutoff C = 20, 55° γ = 44, 65°
Luminous flux: 1500-7500 lm
Luminous efficacy: 72-138 lm/W
Luminous intensity class: G*3, G*4, G*6
IPEA: Road C / A7+, Urban B / A8+, Ped C / A7+, Park C / A7+, Art A++ / A11+
BUG: B=0-2, U=0, G=0-2
Photobiological safety: RG1 - Low risk

ELECTRICAL CHARACTERISTICS

ENEC safety mark.

Luminaire power: 10.9-74.1 W
Power supply: 220V-240V~ 50/60Hz
Power factor: ≥0.99
Insulation class: Class II
Control type - driver: DALI+CLO, D4i+CASAMBI, NVLK+CLO
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, 10kV CM - 6kV DM

MECHANICAL CHARACTERISTICS

Structure with a base and body made of die-cast aluminium (UNI EN 1706) and a lower frame openable for access to the auxiliary compartment.
Protective screen in extra-clear tempered glass with IK10 impact resistance (EN 62262) and diffusing plastic adhesive film (code 9565.620.267).
Integrated heat sink in die-cast aluminum, internal black reflector in PC, silicone gasket between lower frame and upper cover, and compartment prepared for additional surge protectors or remote control systems.
Stainless steel screws.

Length: 470 mm
Width: 235 mm
Height: 120 mm
Weight: 5 kg
Wind-exposed area: 0.03 m²
Protection degree: IP66
Mechanical resistance: IK10
Finish: Grey [Neri] Textured

INSTALLATION

Suitable for mounting on a flat surface with anchors.
Adjustable ±90° with 10° steps.

WARNINGS

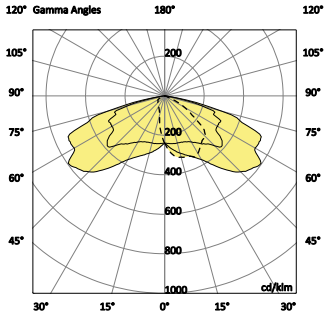
Luminaire designed for disposal/recycling at end-of-life.
Replaceable (LED only) light source by a professional.
Replaceable control gear by a professional.
Protection of surfaces: please refer to the specification on painting procedures of the materials.

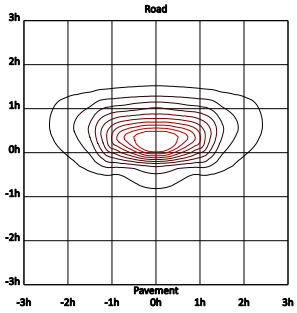
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PIXIS SURFACE | LUMINAIRE | PIXIS SURFACE STREET

Optic: Type III - C

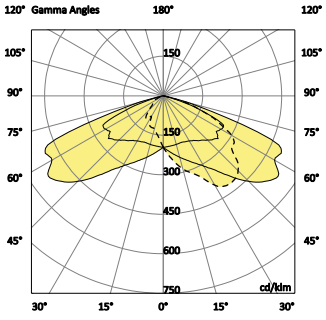
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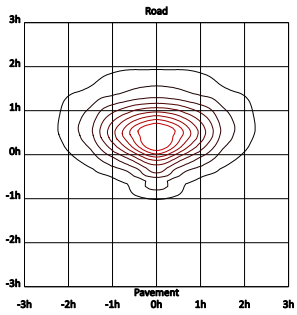




Optic: Type III - Asymmetric

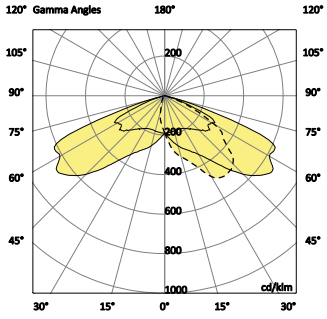
Screen finish: Transparent

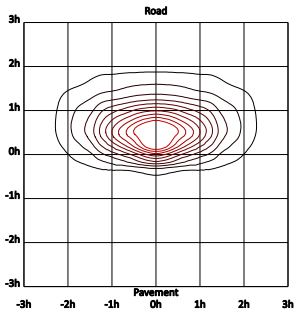




Optic: Type III - H + BLC

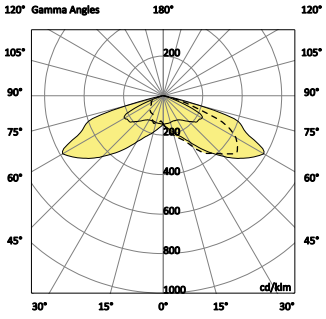
Screen finish: Transparent

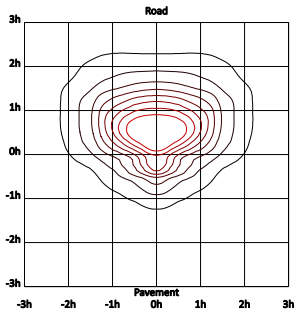




Optic: Type IV - Forward throw

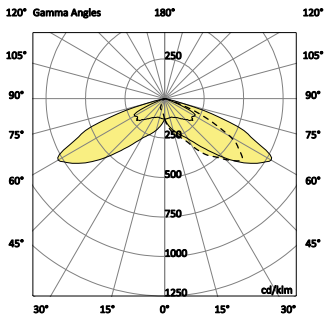
Screen finish: Transparent

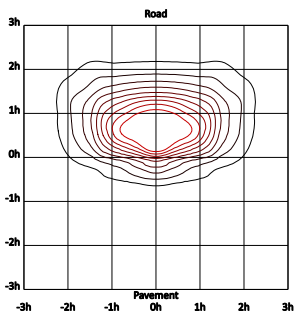




Optic: Type IV - A + BLC

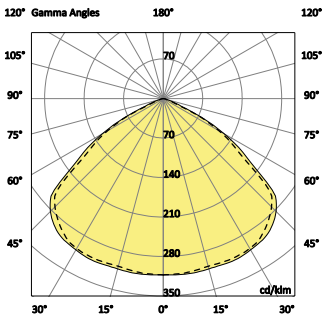
Screen finish: Transparent

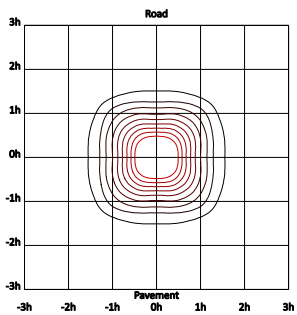




Optic: Type V - B

Screen finish: Transparent





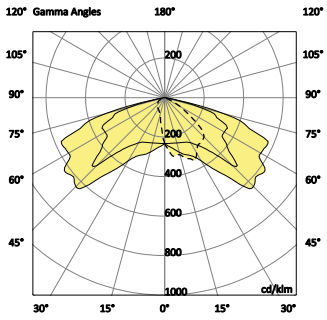
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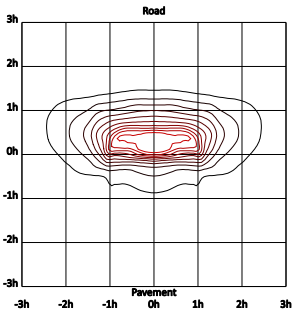
PIXIS SURFACE | LUMINAIRE | PIXIS SURFACE STREET

TW 2200-4000 K

Optic: Type III - C

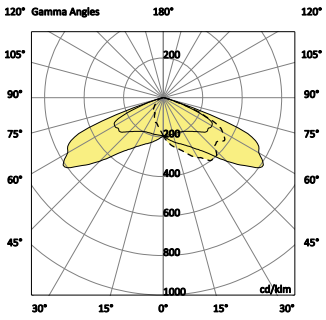
Screen finish: Transparent

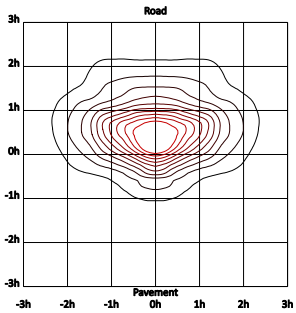




Optic: Type III - Asymmetric

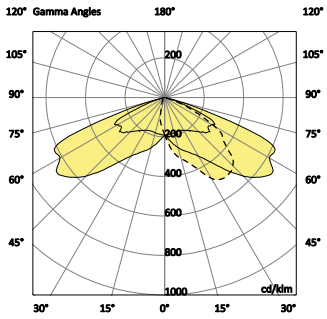
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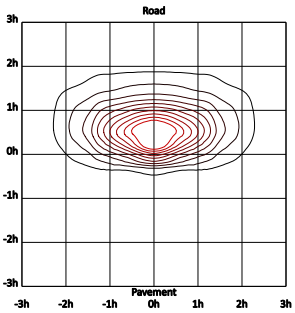




Optic: Type III - H + BLC

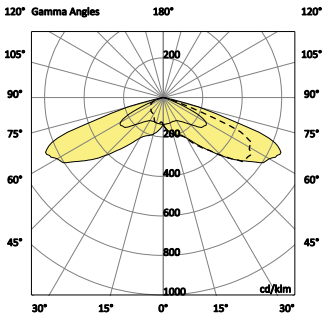
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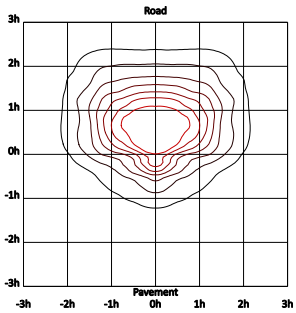




Optic: Type IV - Forward throw

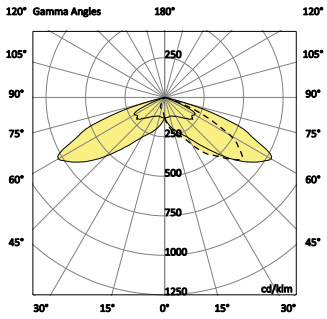
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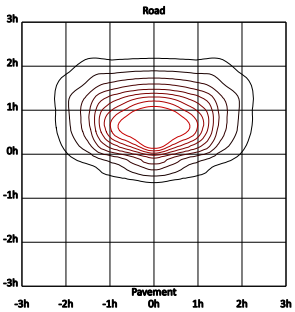




Optic: Type IV - A + BLC

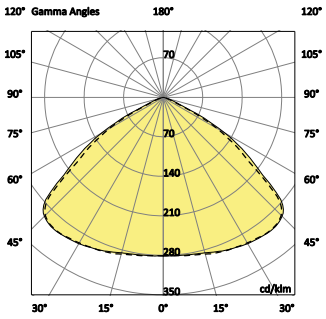
Screen finish: Transparent

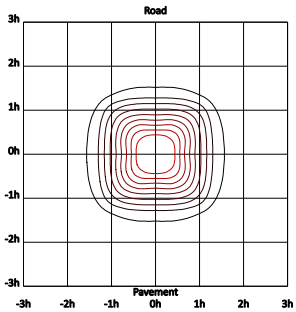




Optic: Type V - B

Screen finish: Transparent





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PIXIS SURFACE | LUMINAIRE | PIXIS SURFACE STREET

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	2700 K	14.2	106	16	268	11.5	130	A3+	A4+	A3+	A3+	A6+
1500 lm	2700 K	15	100	16	268	11.5	130	A++	A3+	A++	A++	A5+
1500 lm	3000 K	13.5	111	16	254	10.9	138	A4+	A4+	A3+	A3+	A7+
1500 lm	3000 K	14.3	105	16	254	10.9	138	A3+	A3+	A++	A++	A6+
1500 lm	4000 K	12.8	117	16	242	10.3	146	A5+	A5+	A4+	A4+	A8+
1500 lm	4000 K	13.6	110	16	242	10.3	146	A4+	A4+	A3+	A3+	A7+
2500 lm	2700 K	23.7	105	16	458	20	125	A3+	A4+	A3+	A3+	A6+
2500 lm	2700 K	23.8	105	16	458	20	125	A3+	A4+	A3+	A3+	A6+
2500 lm	3000 K	22.6	111	16	434	19	132	A4+	A4+	A3+	A3+	A7+
2500 lm	3000 K	22.8	110	16	434	19	132	A4+	A4+	A3+	A3+	A7+
2500 lm	4000 K	21.4	117	16	412	17.9	140	A5+	A5+	A4+	A4+	A8+
2500 lm	4000 K	21.7	115	16	412	17.9	140	A4+	A5+	A4+	A4+	A8+
3500 lm	2700 K	33.9	103	16	658	29.4	119	A3+	A3+	A++	A++	A6+
3500 lm	2700 K	33.1	106	16	658	29.4	119	A3+	A4+	A3+	A3+	A6+
3500 lm	3000 K	32.1	109	16	624	27.7	126	A3+	A4+	A3+	A3+	A7+
3500 lm	3000 K	31.4	111	16	624	27.7	126	A4+	A4+	A3+	A3+	A7+
3500 lm	4000 K	30.4	115	16	590	26.2	134	A4+	A5+	A4+	A4+	A8+
3500 lm	4000 K	29.9	117	16	590	26.2	134	A5+	A5+	A4+	A4+	A8+
4500 lm	2700 K	42.5	106	24	556	36.9	122	A3+	A4+	A3+	A3+	A6+
4500 lm	3000 K	42.4	106	16	824	37.2	121	A3+	A4+	A3+	A3+	A6+
4500 lm	3000 K	41.5	108	16	824	37.2	121	A3+	A4+	A3+	A3+	A7+
4500 lm	4000 K	40.1	112	16	778	35.1	128	A4+	A5+	A3+	A3+	A7+
4500 lm	4000 K	39.2	115	16	778	35.1	128	A4+	A5+	A4+	A4+	A8+
6000 lm	2700 K	57.5	104	24	764	51.5	117	A3+	A3+	A++	A++	A6+
6000 lm	3000 K	54.5	110	24	722	48.6	123	A4+	A4+	A3+	A3+	A7+
6000 lm	4000 K	51.6	116	24	684	45.8	131	A4+	A5+	A4+	A4+	A8+
7500 lm	2700 K	74.1	101	24	980	67.3	111	A++	A3+	A+	A+	A5+
7500 lm	3000 K	69.9	107	24	928	63.4	118	A3+	A4+	A++	A++	A6+
7500 lm	4000 K	65.9	114	24	876	59.6	126	A4+	A5+	A3+	A3+	A7+

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PIXIS SURFACE | LUMINAIRE | PIXIS SURFACE STREET

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	2700 K	14.2	106	16	268	11.5	130	A3+	A4+	A3+	A3+	A6+
1500 lm	2700 K	15	100	16	268	11.5	130	A++	A3+	A++	A++	A5+
1500 lm	3000 K	13.5	111	16	254	10.9	138	A4+	A4+	A3+	A3+	A7+
1500 lm	3000 K	14.3	105	16	254	10.9	138	A3+	A3+	A++	A++	A6+
1500 lm	4000 K	12.8	117	16	242	10.3	146	A5+	A5+	A4+	A4+	A8+
1500 lm	4000 K	13.6	110	16	242	10.3	146	A4+	A4+	A3+	A3+	A7+
2500 lm	2700 K	23.7	105	16	458	20	125	A3+	A4+	A3+	A3+	A6+
2500 lm	2700 K	23.8	105	16	458	20	125	A3+	A4+	A3+	A3+	A6+
2500 lm	3000 K	22.6	111	16	434	19	132	A4+	A4+	A3+	A3+	A7+
2500 lm	3000 K	22.8	110	16	434	19	132	A4+	A4+	A3+	A3+	A7+
2500 lm	4000 K	21.4	117	16	412	17.9	140	A5+	A5+	A4+	A4+	A8+
2500 lm	4000 K	21.7	115	16	412	17.9	140	A4+	A5+	A4+	A4+	A8+
3500 lm	2700 K	33.9	103	16	658	29.4	119	A3+	A3+	A++	A++	A6+
3500 lm	2700 K	33.1	106	16	658	29.4	119	A3+	A4+	A3+	A3+	A6+
3500 lm	3000 K	32.1	109	16	624	27.7	126	A3+	A4+	A3+	A3+	A7+
3500 lm	3000 K	31.4	111	16	624	27.7	126	A4+	A4+	A3+	A3+	A7+
3500 lm	4000 K	30.4	115	16	590	26.2	134	A4+	A5+	A4+	A4+	A8+
3500 lm	4000 K	29.9	117	16	590	26.2	134	A5+	A5+	A4+	A4+	A8+
4500 lm	2700 K	42.5	106	24	556	36.9	122	A3+	A4+	A3+	A3+	A6+
4500 lm	3000 K	42.4	106	16	824	37.2	121	A3+	A4+	A3+	A3+	A6+
4500 lm	3000 K	41.5	108	16	824	37.2	121	A3+	A4+	A3+	A3+	A7+
4500 lm	4000 K	40.1	112	16	778	35.1	128	A4+	A5+	A3+	A3+	A7+
4500 lm	4000 K	39.2	115	16	778	35.1	128	A4+	A5+	A4+	A4+	A8+
6000 lm	2700 K	57.5	104	24	764	51.5	117	A3+	A3+	A++	A++	A6+
6000 lm	3000 K	54.5	110	24	722	48.6	123	A4+	A4+	A3+	A3+	A7+
6000 lm	4000 K	51.6	116	24	684	45.8	131	A4+	A5+	A4+	A4+	A8+
7500 lm	2700 K	74.1	101	24	980	67.3	111	A++	A3+	A+	A+	A5+
7500 lm	3000 K	69.9	107	24	928	63.4	118	A3+	A4+	A++	A++	A6+
7500 lm	4000 K	65.9	114	24	876	59.6	126	A4+	A5+	A3+	A3+	A7+

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PIXIS SURFACE | LUMINAIRE | PIXIS SURFACE STREET

Optic: Type III - H + BLC

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	2700 K	18.6	81	16	356	15.4	97	A	A	B	B	A++
1500 lm	2700 K	19.1	79	16	356	15.4	97	B	A	B	B	A++
1500 lm	3000 K	17.8	84	16	338	14.6	103	A	A+	A	A	A3+
1500 lm	3000 K	18.3	82	16	338	14.6	103	A	A	B	B	A++
1500 lm	4000 K	16.8	89	16	320	13.8	109	A+	A+	A	A	A3+
1500 lm	4000 K	17.4	86	16	320	13.8	109	A	A+	A	A	A3+
2500 lm	2700 K	31.6	79	16	614	27.3	92	B	A	B	B	A++
2500 lm	2700 K	31	81	16	614	27.3	92	A	A	B	B	A++
2500 lm	3000 K	30	83	16	582	25.8	97	A	A	A	A	A++
2500 lm	3000 K	29.5	85	16	582	25.8	97	A	A+	A	A	A3+
2500 lm	4000 K	28.4	88	16	550	24.3	103	A+	A+	A	A	A3+
2500 lm	4000 K	28	89	16	550	24.3	103	A+	A+	A	A	A3+
3500 lm	2700 K	43.4	81	24	570	37.8	93	A	A	B	B	A++
3500 lm	3000 K	43.5	80	16	844	38.2	92	A	A	B	B	A++
3500 lm	3000 K	42.7	82	16	844	38.2	92	A	A	B	B	A++
3500 lm	4000 K	41	85	16	798	36	97	A	A+	A	A	A3+
3500 lm	4000 K	40.2	87	16	798	36	97	A	A+	A	A	A3+
4500 lm	2700 K	56.5	80	24	750	50.6	89	B	A	B	B	A++
4500 lm	3000 K	53.7	84	24	712	47.8	94	A	A	A	A	A++
4500 lm	4000 K	50.8	89	24	672	45	100	A+	A+	A	A	A3+
6000 lm	4000 K	69.9	86	24	926	63.4	95	A	A+	B	B	A3+

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PIXIS SURFACE | LUMINAIRE | PIXIS SURFACE STREET

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	2700 K	14.2	106	16	268	11.5	130	A3+	A4+	A3+	A3+	A6+
1500 lm	2700 K	15	100	16	268	11.5	130	A++	A3+	A++	A++	A5+
1500 lm	3000 K	13.5	111	16	254	10.9	138	A4+	A4+	A3+	A3+	A7+
1500 lm	3000 K	14.3	105	16	254	10.9	138	A3+	A3+	A++	A++	A6+
1500 lm	4000 K	12.8	117	16	242	10.3	146	A5+	A5+	A4+	A4+	A8+
1500 lm	4000 K	13.6	110	16	242	10.3	146	A4+	A4+	A3+	A3+	A7+
2500 lm	2700 K	23.7	105	16	458	20	125	A3+	A4+	A3+	A3+	A6+
2500 lm	2700 K	23.8	105	16	458	20	125	A3+	A4+	A3+	A3+	A6+
2500 lm	3000 K	22.6	111	16	434	19	132	A4+	A4+	A3+	A3+	A7+
2500 lm	3000 K	22.8	110	16	434	19	132	A4+	A4+	A3+	A3+	A7+
2500 lm	4000 K	21.4	117	16	412	17.9	140	A5+	A5+	A4+	A4+	A8+
2500 lm	4000 K	21.7	115	16	412	17.9	140	A4+	A5+	A4+	A4+	A8+
3500 lm	2700 K	33.9	103	16	658	29.4	119	A3+	A3+	A++	A++	A6+
3500 lm	2700 K	33.1	106	16	658	29.4	119	A3+	A4+	A3+	A3+	A6+
3500 lm	3000 K	32.1	109	16	624	27.7	126	A3+	A4+	A3+	A3+	A7+
3500 lm	3000 K	31.4	111	16	624	27.7	126	A4+	A4+	A3+	A3+	A7+
3500 lm	4000 K	30.4	115	16	590	26.2	134	A4+	A5+	A4+	A4+	A8+
3500 lm	4000 K	29.9	117	16	590	26.2	134	A5+	A5+	A4+	A4+	A8+
4500 lm	2700 K	42.5	106	24	556	36.9	122	A3+	A4+	A3+	A3+	A6+
4500 lm	3000 K	42.4	106	16	824	37.2	121	A3+	A4+	A3+	A3+	A6+
4500 lm	3000 K	41.5	108	16	824	37.2	121	A3+	A4+	A3+	A3+	A7+
4500 lm	4000 K	40.1	112	16	778	35.1	128	A4+	A5+	A3+	A3+	A7+
4500 lm	4000 K	39.2	115	16	778	35.1	128	A4+	A5+	A4+	A4+	A8+
6000 lm	2700 K	57.5	104	24	764	51.5	117	A3+	A3+	A++	A++	A6+
6000 lm	3000 K	54.5	110	24	722	48.6	123	A4+	A4+	A3+	A3+	A7+
6000 lm	4000 K	51.6	116	24	684	45.8	131	A4+	A5+	A4+	A4+	A8+
7500 lm	2700 K	74.1	101	24	980	67.3	111	A++	A3+	A+	A+	A5+
7500 lm	3000 K	69.9	107	24	928	63.4	118	A3+	A4+	A++	A++	A6+
7500 lm	4000 K	65.9	114	24	876	59.6	126	A4+	A5+	A3+	A3+	A7+

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PIXIS SURFACE | LUMINAIRE | PIXIS SURFACE STREET

Optic: Type IV - A + BLC

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	2700 K	18.6	81	16	356	15.4	97	A	A	B	B	A++
1500 lm	2700 K	19.1	79	16	356	15.4	97	B	A	B	B	A++
1500 lm	3000 K	17.8	84	16	338	14.6	103	A	A+	A	A	A3+
1500 lm	3000 K	18.3	82	16	338	14.6	103	A	A	B	B	A++
1500 lm	4000 K	16.8	89	16	320	13.8	109	A+	A+	A	A	A3+
1500 lm	4000 K	17.4	86	16	320	13.8	109	A	A+	A	A	A3+
2500 lm	2700 K	31.6	79	16	614	27.3	92	B	A	B	B	A++
2500 lm	2700 K	31	81	16	614	27.3	92	A	A	B	B	A++
2500 lm	3000 K	30	83	16	582	25.8	97	A	A	A	A	A++
2500 lm	3000 K	29.5	85	16	582	25.8	97	A	A+	A	A	A3+
2500 lm	4000 K	28.4	88	16	550	24.3	103	A+	A+	A	A	A3+
2500 lm	4000 K	28	89	16	550	24.3	103	A+	A+	A	A	A3+
3500 lm	2700 K	43.4	81	24	570	37.8	93	A	A	B	B	A++
3500 lm	3000 K	43.5	80	16	844	38.2	92	A	A	B	B	A++
3500 lm	3000 K	42.7	82	16	844	38.2	92	A	A	B	B	A++
3500 lm	4000 K	41	85	16	798	36	97	A	A+	A	A	A3+
3500 lm	4000 K	40.2	87	16	798	36	97	A	A+	A	A	A3+
4500 lm	2700 K	56.5	80	24	750	50.6	89	B	A	B	B	A++
4500 lm	3000 K	53.7	84	24	712	47.8	94	A	A	A	A	A++
4500 lm	4000 K	50.8	89	24	672	45	100	A+	A+	A	A	A3+
6000 lm	4000 K	69.9	86	24	926	63.4	95	A	A+	B	B	A3+

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PIXIS SURFACE | LUMINAIRE | PIXIS SURFACE STREET

Optic: Type V - 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	2700 K	12.1	124	16	226	9.7	155	A5+	A6+	A5+	A5+	A9+
1500 lm	2700 K	13	115	16	226	9.7	155	A4+	A5+	A4+	A4+	A8+
1500 lm	3000 K	11.5	130	16	214	9.2	163	A6+	A7+	A6+	A6+	A10+
1500 lm	3000 K	12.4	121	16	214	9.2	163	A5+	A6+	A5+	A5+	A9+
1500 lm	4000 K	10.9	138	16	204	8.7	172	A7+	A8+	A7+	A7+	A11+
1500 lm	4000 K	11.8	127	16	204	8.7	172	A6+	A7+	A5+	A5+	A10+
2500 lm	2700 K	20.1	124	16	384	16.7	150	A6+	A6+	A5+	A5+	A9+
2500 lm	2700 K	20.5	122	16	384	16.7	150	A5+	A6+	A5+	A5+	A9+
2500 lm	3000 K	19.1	131	16	366	15.8	158	A6+	A7+	A6+	A6+	A10+
2500 lm	3000 K	19.5	128	16	366	15.8	158	A6+	A7+	A6+	A6+	A10+
2500 lm	4000 K	18.2	137	16	346	15	167	A7+	A8+	A7+	A7+	A11+
2500 lm	4000 K	18.7	134	16	346	15	167	A7+	A8+	A6+	A6+	A11+
3500 lm	2700 K	28.5	123	16	552	24.4	143	A5+	A6+	A5+	A5+	A9+
3500 lm	2700 K	28.1	125	16	552	24.4	143	A6+	A6+	A5+	A5+	A9+
3500 lm	3000 K	27	130	16	522	23	152	A6+	A7+	A6+	A6+	A10+
3500 lm	3000 K	26.7	131	16	522	23	152	A6+	A7+	A6+	A6+	A10+
3500 lm	4000 K	25.7	136	16	494	21.8	161	A7+	A8+	A7+	A7+	A11+
3500 lm	4000 K	25.6	137	16	494	21.8	161	A7+	A8+	A7+	A7+	A11+
4500 lm	2700 K	37.3	121	16	726	32.6	138	A5+	A6+	A5+	A5+	A9+
4500 lm	2700 K	36.5	123	16	726	32.6	138	A5+	A6+	A5+	A5+	A9+
4500 lm	3000 K	35.3	127	16	688	30.7	147	A6+	A7+	A5+	A5+	A10+
4500 lm	3000 K	34.5	130	16	688	30.7	147	A6+	A7+	A6+	A6+	A10+
4500 lm	4000 K	33.4	135	16	650	29	155	A7+	A8+	A6+	A6+	A11+
4500 lm	4000 K	32.8	137	16	650	29	155	A7+	A8+	A7+	A7+	A11+
6000 lm	2700 K	48.4	124	24	638	42.6	141	A5+	A6+	A5+	A5+	A9+
6000 lm	3000 K	45.9	131	24	604	40.2	149	A6+	A7+	A6+	A6+	A10+
6000 lm	4000 K	43.6	138	24	572	38	158	A7+	A8+	A7+	A7+	A11+
7500 lm	2700 K	61.4	122	24	816	55.3	136	A5+	A6+	A5+	A5+	A9+
7500 lm	3000 K	58.2	129	24	772	52.2	144	A6+	A7+	A6+	A6+	A10+
7500 lm	4000 K	55.1	136	24	730	49.2	152	A7+	A8+	A7+	A7+	A11+

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PIXIS SURFACE | LUMINAIRE | PIXIS SURFACE STREET

TW 2200-4000 K

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	4000 K	13.5	111	24	175	11.4	132	A4+	A4+	A3+	A3+	A7+
2500 lm	4000 K	23.7	105	24	303	20.3	123	A3+	A4+	A3+	A3+	A6+
3500 lm	4000 K	34.7	101	24	446	30.2	116	A++	A3+	A++	A++	A5+
4500 lm	4000 K	46.9	96	24	605	41.4	109	A++	A++	A+	A+	A4+

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	4000 K	13.5	111	24	175	11.4	132	A4+	A4+	A3+	A3+	A7+
2500 lm	4000 K	23.7	105	24	303	20.3	123	A3+	A4+	A3+	A3+	A6+
3500 lm	4000 K	34.7	101	24	446	30.2	116	A++	A3+	A++	A++	A5+
4500 lm	4000 K	46.9	96	24	605	41.4	109	A++	A++	A+	A+	A4+

Optic: Type III - H + BLC

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	4000 K	18.9	79	24	244	16.1	93	B	A	B	B	A++
2500 lm	4000 K	33.8	74	24	434	29.4	85	B	B	C	C	A+
3000 lm	4000 K	41.9	72	24	540	36.8	82	C	B	C	C	A

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	4000 K	13.5	111	24	175	11.4	132	A4+	A4+	A3+	A3+	A7+
2500 lm	4000 K	23.7	105	24	303	20.3	123	A3+	A4+	A3+	A3+	A6+
3500 lm	4000 K	34.7	101	24	446	30.2	116	A++	A3+	A++	A++	A5+
4500 lm	4000 K	46.9	96	24	605	41.4	109	A++	A++	A+	A+	A4+

Optic: Type IV - A + BLC

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	4000 K	18.9	79	24	244	16.1	93	B	A	B	B	A++
2500 lm	4000 K	33.8	74	24	434	29.4	85	B	B	C	C	A+
3000 lm	4000 K	41.9	72	24	540	36.8	82	C	B	C	C	A

Optic: Type V - 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	4000 K	11.6	129	24	152	9.8	153	A6+	A7+	A6+	A6+	A10+
2500 lm	4000 K	20.3	123	24	260	17.3	145	A5+	A6+	A5+	A5+	A9+
3500 lm	4000 K	29.6	118	24	379	25.6	137	A5+	A5+	A4+	A4+	A8+
4500 lm	4000 K	39.7	113	24	510	34.7	130	A4+	A5+	A4+	A4+	A7+
5000 lm	4000 K	44.9	111	24	580	39.6	126	A4+	A4+	A3+	A3+	A7+

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