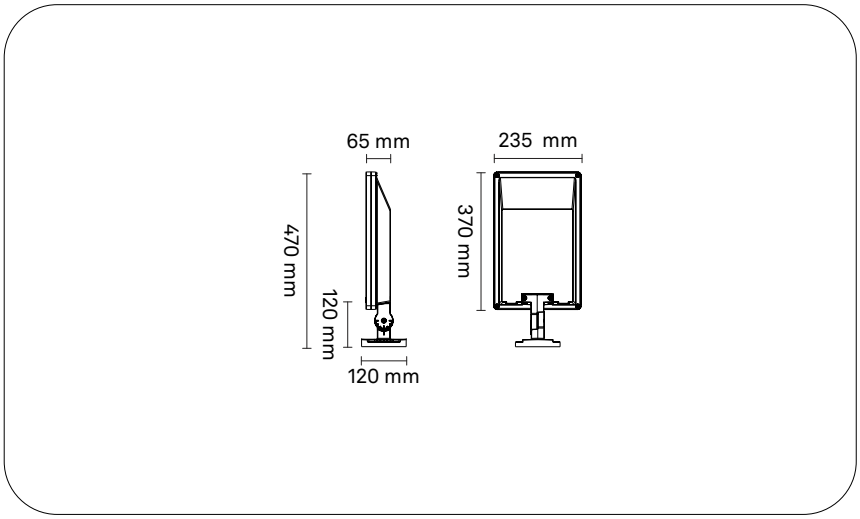
NERI

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

PIXIS SURFACE | LUMINAIRE | PIXIS SURFACE PROJECTOR





IP66 IK10 Classe II

ORDERING INFORMATION / GUIDE

Example**: LUPIX12-N-D61-830-L040-ST-V1-F06-M2-CN0**

OPTIQUE	RA+K	LUMINOUS FLUX	SCREEN FINISH	POWER SUPPLY	DRIVER FUNCTION	ISO CLASS	FINISH
D61 Spot	**827** Ra80 2700 K	**L040** 4000 lm	**ST** Transparent	**V1** 220V-240V	**F06** DALI+CLO	**M2** Class II	**CN0** Grey [Neri] Textured
D63 Medium Wide Flood	**830** Ra80 3000 K	**L060** 6000 lm			**F44** D4i+CASAMBI		
D64 Wide Flood	**840** Ra80 4000 K	**L070** 7000 lm			**F50** NVLK+CLO		
D62 Flood	**8T2** Ra80 TW 2200-4000 K						

Generated code: **LUPIX12 - 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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PIXIS SURFACE | LUMINAIRE | PIXIS SURFACE PROJECTOR

SOURCE

High-power LED matrix.

Energy-efficiency class: E
LED forward current: 701-940 mA
Power rating: 31.7-64.8 W
Nominal Flux: 4000-7000 lm
Nominal CCT (Colour temperature): 2700 K, 3000 K, 4000 K, TW 2200-4000 K
Color Rendering Index (Ra): 80
Standard Deviation Colour Matching: ≤3, ≤5
Rated lifetime: L90B10 100000 h @ Tq = 25 °C

LIGHTING CHARACTERISTICS

Modular 2x2 refractive lenses in PMMA.

Optique: Spot, Medium Wide Flood, Wide Flood, Flood
Optical efficiency: LOR = 100% ULOR = 0%
LED quantity: 16, 24
Cutoff Angle: Cutoff C = 0° γ = 0, 1°
Luminous flux: 4000-7000 lm
Luminous efficacy: 98-113 lm/W
Maximum luminous intensity γ 90°: ≤0.1 cd/klm
IPEA: Road A++ / A4+, Urban A3+ / A5+, Ped A++ / A4+, Park A++ / A4+, Art A5+ / A7+
BUG: B=3-4, U=0-1, G=0
Photobiological safety: RG1 - Low risk

ELECTRICAL CHARACTERISTICS

ENEC safety mark.

Luminaire power: 35.5-71.4 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

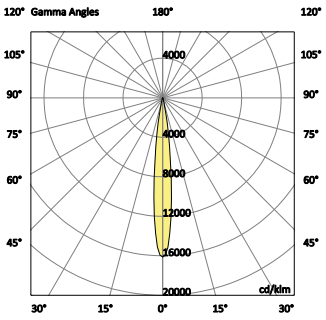
Luminaire designed for disposal/recycling at end-of-life.
Replaceable (LED only) light source by a professional.
Replaceable control gear by a professional.
Protection of surfaces: please refer to the specification on painting procedures of the materials.

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Optic: Spot

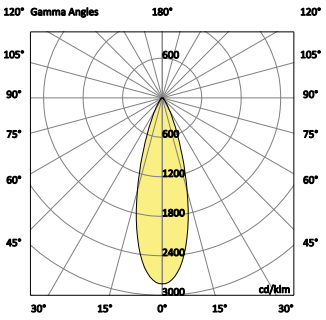
Screen finish: Transparent



H [m]	D [m]	Emax [lx]
	12	
2	0.42	4030
4	0.84	1007
6	1.26	448
8	1.68	252
10	2.1	161

Optic: Medium Wide Flood

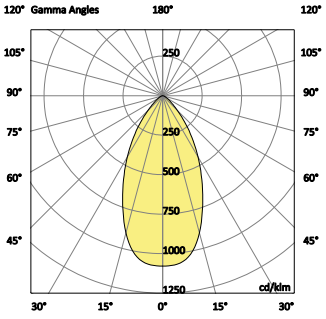
Screen finish: Transparent



H [m]	D [m]	Emax [lx]
	31	
2	1.11	707
4	2.22	177
6	3.33	79
8	4.44	44
10	5.55	28

Optic: Wide Flood

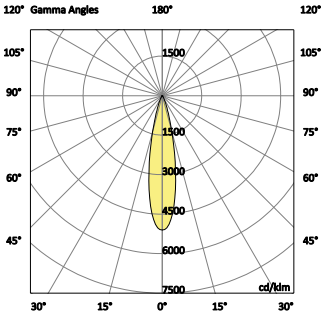
Screen finish: Transparent



H [m]	D [m]	Emax [lx]
	53	
2	1.99	270
4	3.99	67
6	5.98	30
8	7.98	17
10	9.97	11

Optic: Flood

Screen finish: Transparent



H [m]	D [m]	Emax [lx]
	22	
2	0.78	1275
4	1.56	319
6	2.33	142
8	3.11	80
10	3.89	51

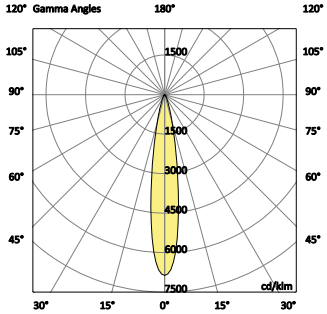
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PIXIS SURFACE | LUMINAIRE | PIXIS SURFACE PROJECTOR

TW 2200-4000 K

Optic: Spot

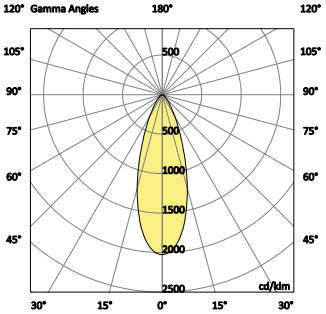
Screen finish: Transparent



H [m]	D [m]	Emax [lx]
	12	
2	0.42	4030
4	0.84	1007
6	1.26	448
8	1.68	252
10	2.1	161

Optic: Medium Wide Flood

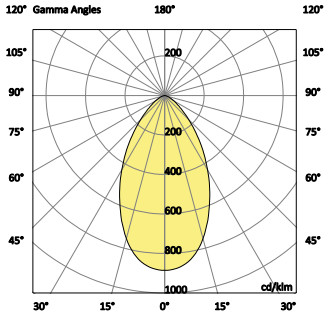
Screen finish: Transparent



H [m]	D [m]	Emax [lx]
	31	
2	1.11	707
4	2.22	177
6	3.33	79
8	4.44	44
10	5.55	28

Optic: Wide Flood

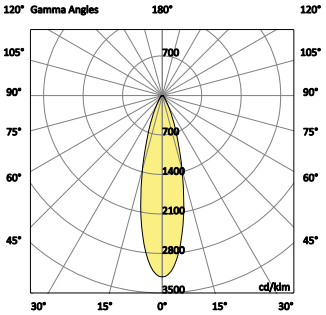
Screen finish: Transparent



H [m]	D [m]	Emax [lx]
	53	
2	1.99	270
4	3.99	67
6	5.98	30
8	7.98	17
10	9.97	11

Optic: Flood

Screen finish: Transparent



H [m]	D [m]	Emax [lx]
	22	
2	0.78	1275
4	1.56	319
6	2.33	142
8	3.11	80
10	3.89	51

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PIXIS SURFACE | LUMINAIRE | PIXIS SURFACE PROJECTOR

Optic: Spot

Screen finish: Transparent

System					Source			IPEA				
Luminous Flux	Nominal CCT	W	lm/W	n° led	mA	W	lm/W	Road	Urban	Ped	Park	Art
4000 lm	2700 K	40.1	100	16	773	35.1	114	A++	A3+	A++	A++	A5+
4000 lm	2700 K	39.2	102	16	773	35.1	114	A++	A3+	A++	A++	A6+
4000 lm	3000 K	39.6	101	16	763	34.7	115	A++	A3+	A++	A++	A5+
4000 lm	3000 K	38.7	103	16	763	34.7	115	A3+	A3+	A++	A++	A6+
4000 lm	4000 K	36.4	110	16	701	31.7	126	A4+	A4+	A3+	A3+	A7+
4000 lm	4000 K	35.5	113	16	701	31.7	126	A4+	A5+	A4+	A4+	A7+
7000 lm	2700 K	71.4	98	24	940	64.8	108	A++	A3+	A+	A+	A5+
7000 lm	3000 K	70.5	99	24	927	63.9	110	A++	A3+	A+	A+	A5+
7000 lm	4000 K	64.6	108	24	850	58.3	120	A3+	A4+	A3+	A3+	A7+

Optic: Medium Wide Flood

Screen finish: Transparent

System					Source			IPEA				
Luminous Flux	Nominal CCT	W	lm/W	n° led	mA	W	lm/W	Road	Urban	Ped	Park	Art
4000 lm	2700 K	40.1	100	16	773	35.1	114	A++	A3+	A++	A++	A5+
4000 lm	2700 K	39.2	102	16	773	35.1	114	A++	A3+	A++	A++	A6+
4000 lm	3000 K	39.6	101	16	763	34.7	115	A++	A3+	A++	A++	A5+
4000 lm	3000 K	38.7	103	16	763	34.7	115	A3+	A3+	A++	A++	A6+
4000 lm	4000 K	36.4	110	16	701	31.7	126	A4+	A4+	A3+	A3+	A7+
4000 lm	4000 K	35.5	113	16	701	31.7	126	A4+	A5+	A4+	A4+	A7+
7000 lm	2700 K	71.4	98	24	940	64.8	108	A++	A3+	A+	A+	A5+
7000 lm	3000 K	70.5	99	24	927	63.9	110	A++	A3+	A+	A+	A5+
7000 lm	4000 K	64.6	108	24	850	58.3	120	A3+	A4+	A3+	A3+	A7+

Optic: Wide Flood

Screen finish: Transparent

System					Source			IPEA				
Luminous Flux	Nominal CCT	W	lm/W	n° led	mA	W	lm/W	Road	Urban	Ped	Park	Art
4000 lm	2700 K	40.1	100	16	773	35.1	114	A++	A3+	A++	A++	A5+
4000 lm	2700 K	39.2	102	16	773	35.1	114	A++	A3+	A++	A++	A6+
4000 lm	3000 K	39.6	101	16	763	34.7	115	A++	A3+	A++	A++	A5+
4000 lm	3000 K	38.7	103	16	763	34.7	115	A3+	A3+	A++	A++	A6+
4000 lm	4000 K	36.4	110	16	701	31.7	126	A4+	A4+	A3+	A3+	A7+
4000 lm	4000 K	35.5	113	16	701	31.7	126	A4+	A5+	A4+	A4+	A7+
7000 lm	2700 K	71.4	98	24	940	64.8	108	A++	A3+	A+	A+	A5+
7000 lm	3000 K	70.5	99	24	927	63.9	110	A++	A3+	A+	A+	A5+
7000 lm	4000 K	64.6	108	24	850	58.3	120	A3+	A4+	A3+	A3+	A7+

Optic: Flood

Screen finish: Transparent

System					Source			IPEA				
Luminous Flux	Nominal CCT	W	lm/W	n° led	mA	W	lm/W	Road	Urban	Ped	Park	Art
4000 lm	2700 K	40.1	100	16	773	35.1	114	A++	A3+	A++	A++	A5+
4000 lm	2700 K	39.2	102	16	773	35.1	114	A++	A3+	A++	A++	A6+
4000 lm	3000 K	39.6	101	16	763	34.7	115	A++	A3+	A++	A++	A5+
4000 lm	3000 K	38.7	103	16	763	34.7	115	A3+	A3+	A++	A++	A6+
4000 lm	4000 K	36.4	110	16	701	31.7	126	A4+	A4+	A3+	A3+	A7+
4000 lm	4000 K	35.5	113	16	701	31.7	126	A4+	A5+	A4+	A4+	A7+
7000 lm	2700 K	71.4	98	24	940	64.8	108	A++	A3+	A+	A+	A5+
7000 lm	3000 K	70.5	99	24	927	63.9	110	A++	A3+	A+	A+	A5+
7000 lm	4000 K	64.6	108	24	850	58.3	120	A3+	A4+	A3+	A3+	A7+

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PIXIS SURFACE | LUMINAIRE | PIXIS SURFACE PROJECTOR

TW 2200-4000 K

Optic: Spot

Screen finish: Transparent

System					Source			IPEA				
Luminous Flux	**Nominal CCT**	**W**	**lm/W**	**n° led**	**mA**	**W**	**lm/W**	**Road**	**Urban**	**Ped**	**Park**	**Art**
6000 lm	4000 K	58	103	24	753	51.8	116	A3+	A3+	A++	A++	A6+

Optic: Medium Wide Flood

Screen finish: Transparent

System					Source			IPEA				
Luminous Flux	**Nominal CCT**	**W**	**lm/W**	**n° led**	**mA**	**W**	**lm/W**	**Road**	**Urban**	**Ped**	**Park**	**Art**
6000 lm	4000 K	58	103	24	753	51.8	116	A3+	A3+	A++	A++	A6+

Optic: Wide Flood

Screen finish: Transparent

System					Source			IPEA				
Luminous Flux	**Nominal CCT**	**W**	**lm/W**	**n° led**	**mA**	**W**	**lm/W**	**Road**	**Urban**	**Ped**	**Park**	**Art**
6000 lm	4000 K	58	103	24	753	51.8	116	A3+	A3+	A++	A++	A6+

Optic: Flood

Screen finish: Transparent

System					Source			IPEA				
Luminous Flux	**Nominal CCT**	**W**	**lm/W**	**n° led**	**mA**	**W**	**lm/W**	**Road**	**Urban**	**Ped**	**Park**	**Art**
6000 lm	4000 K	58	103	24	753	51.8	116	A3+	A3+	A++	A++	A6+

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