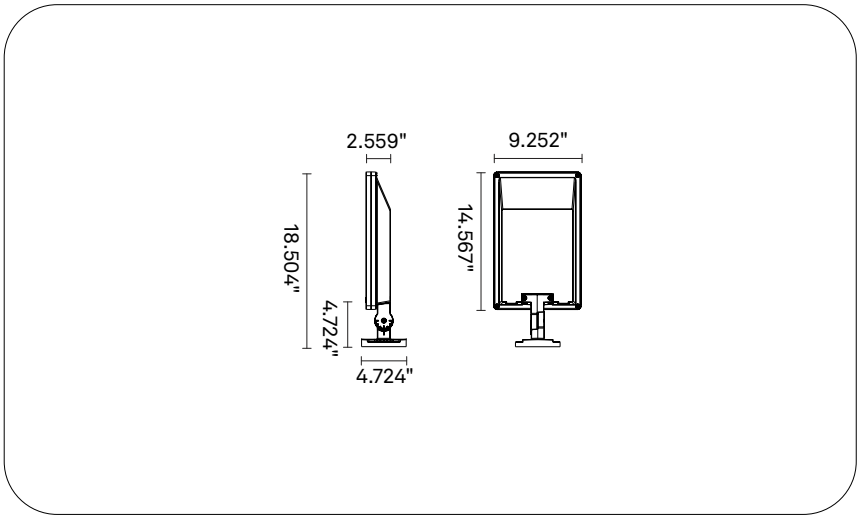
NERI

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

PIXIS SURFACE | LUMINAIRE | PIXIS SURFACE PROJECTOR





IP66 IK10 cULus

ORDERING INFORMATION / GUIDE

Example**: LUPIX12-U-D61-827-L040-ST-V0-F35-MU-CN0**

OPTICS	RA+K	LUMINOUS FLUX	LENS	VOLTAGE	DRIVER FUNCTION	ISO CLASS	FINISH
D61 Spot	**827** Ra80 2700 K	**L040** 4000 lm	**ST** Transparent	**V0** 120V-277V	**F35** 0-10V+CLO	**MU** UL	**CN0** Grey [Neri] Textured
D63 Medium Wide Flood	**830** Ra80 3000 K	**L050** 5000 lm			**F51** DT8+CLO		
D64 Wide Flood	**840** Ra80 4000 K	**L070** 7000 lm					
D62 Flood	**8T2** Ra80 TW 2200-4000 K						

Generated code: **LUPIX12 - U** - _ _ _ - _ _ _ - _ _ _ _ - _ _ - _ _ - _ _ _ - _ _ - _ _ _

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: 701-994 mA
Power rating: 31.7-64.8 W
Nominal Flux: 4000-7000 lm
Nominal CCT (Color temperature): 2700 K, 3000 K, 4000 K, TW 2200-4000 K
Color Rendering Index (Ra): 80
Standard Deviation Colour Matching: ≤3, ≤5
Rated lifetime: L90 = 100000 h (Ts = 85 °C, 700 mA)

LIGHTING CHARACTERISTICS

Modular 2x2 refractive lenses in PMMA.

Optics: 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: 93-108 lm/W
BUG: B=3-4, U=0-1, G=0
Photobiological safety: RG1 - Low risk

ELECTRICAL CHARACTERISTICS

Luminaire power: 37.2-74.1 W
Voltage: 120V-277V~ 50/60Hz
Power factor: ≥0.99
Insulation class: UL
Control type - driver: 0-10V+CLO, DT8+CLO
Ambient temperature: -40 °F / +122 °F
Driver included: Yes
Surge protection: 10kV CM - 6kV DM

MECHANICAL CHARACTERISTICS

Structure with a base and body made of die-cast aluminum (UNI EN 1706) and a lower frame openable for access to the auxiliary compartment.
Protective shield 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 seal between lower frame and upper cover, and compartment prepared for additional surge protectors or remote monitoring systems.
Stainless steel screws.

Length: 18.504 in
Width: 9.252 in
Height: 4.724 in
Weight: 11.02 lb
EPA: 0.32 ft²
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

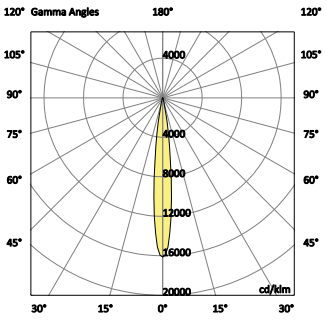
Luminaire designed for disposal/recycling at end-of-life.
Replaceable (LED only) light source by a professional.
Replaceable control gear by a professional.
Protection of surfaces: please refer to the specification on painting procedures of the materials.

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PIXIS SURFACE | LUMINAIRE | PIXIS SURFACE PROJECTOR

Optic: Spot

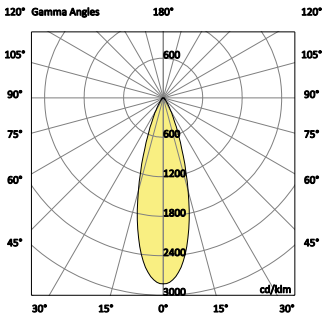
Lens: Transparent



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

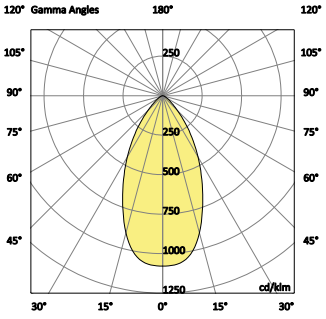
Lens: Transparent



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

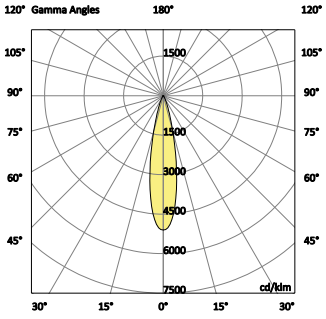
Lens: Transparent



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

Lens: 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

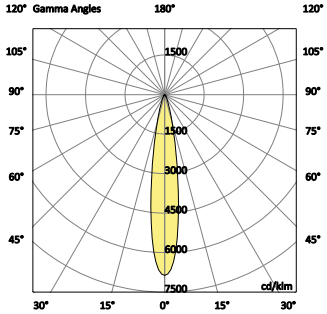
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TW 2200-4000 K

Optic: Spot

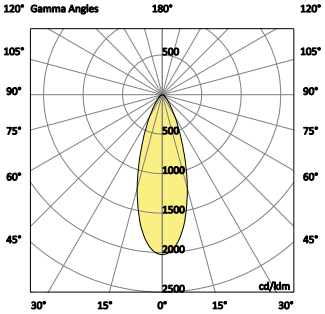
Lens: Transparent



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

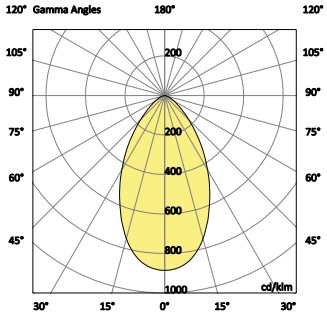
Lens: Transparent



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

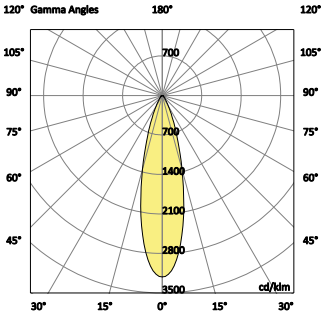
Lens: Transparent



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

Lens: Transparent



H [m]	D [m]	Emax [lx]
	22	
2	0.78	1275
4	1.56	319
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8	3.11	80
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PIXIS SURFACE | LUMINAIRE | PIXIS SURFACE PROJECTOR

Optic: Spot — **Lens:** Transparent

System					Source			BUG		
Luminous Flux	**Nominal CCT**	**W**	**lm/W**	**n° led**	**mA**	**W**	**lm/W**	**Backlight**	**Uplight**	**Glare**
4000 lm	2700 K	41	98	16	773	35.1	114	3	0	0
4000 lm	3000 K	40.5	99	16	763	34.7	115	3	0	0
4000 lm	4000 K	37.2	108	16	701	31.7	126	3	0	0
7000 lm	2700 K	74.1	94	24	940	64.8	108	4	0	0
7000 lm	3000 K	73.2	96	24	927	63.9	110	4	0	0
7000 lm	4000 K	67.2	104	24	850	58.3	120	4	0	0

Optic: Medium Wide Flood — **Lens:** Transparent

System					Source			BUG		
Luminous Flux	**Nominal CCT**	**W**	**lm/W**	**n° led**	**mA**	**W**	**lm/W**	**Backlight**	**Uplight**	**Glare**
4000 lm	2700 K	41	98	16	773	35.1	114	3	0	0
4000 lm	3000 K	40.5	99	16	763	34.7	115	3	0	0
4000 lm	4000 K	37.2	108	16	701	31.7	126	3	0	0
7000 lm	2700 K	74.1	94	24	940	64.8	108	4	0	0
7000 lm	3000 K	73.2	96	24	927	63.9	110	4	0	0
7000 lm	4000 K	67.2	104	24	850	58.3	120	4	0	0

Optic: Wide Flood — **Lens:** Transparent

System					Source			BUG		
Luminous Flux	**Nominal CCT**	**W**	**lm/W**	**n° led**	**mA**	**W**	**lm/W**	**Backlight**	**Uplight**	**Glare**
4000 lm	2700 K	41	98	16	773	35.1	114	3	0	0
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4000 lm	4000 K	37.2	108	16	701	31.7	126	3	0	0
7000 lm	2700 K	74.1	94	24	940	64.8	108	3	0	0
7000 lm	3000 K	73.2	96	24	927	63.9	110	3	0	0
7000 lm	4000 K	67.2	104	24	850	58.3	120	3	0	0

Optic: Flood — **Lens:** Transparent

System					Source			BUG		
Luminous Flux	**Nominal CCT**	**W**	**lm/W**	**n° led**	**mA**	**W**	**lm/W**	**Backlight**	**Uplight**	**Glare**
4000 lm	2700 K	41	98	16	773	35.1	114	3	0	0
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4000 lm	4000 K	37.2	108	16	701	31.7	126	3	0	0
7000 lm	2700 K	74.1	94	24	940	64.8	108	4	0	0
7000 lm	3000 K	73.2	96	24	927	63.9	110	4	0	0
7000 lm	4000 K	67.2	104	24	850	58.3	120	4	0	0

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PIXIS SURFACE | LUMINAIRE | PIXIS SURFACE PROJECTOR

TW 2200-4000 K

Optic: Spot **Lens:** Transparent

System					Source			BUG		
Luminous Flux	Nominal CCT	W	lm/W	n° led	mA	W	lm/W	Backlight	Uplight	Glare
4950 lm	4000 K	53.4	93	16	994	45.9	108	3	1	0

Optic: Medium Wide Flood **Lens:** Transparent

System					Source			BUG		
Luminous Flux	Nominal CCT	W	lm/W	n° led	mA	W	lm/W	Backlight	Uplight	Glare
4950 lm	4000 K	53.4	93	16	994	45.9	108	3	1	0

Optic: Wide Flood **Lens:** Transparent

System					Source			BUG		
Luminous Flux	Nominal CCT	W	lm/W	n° led	mA	W	lm/W	Backlight	Uplight	Glare
4950 lm	4000 K	53.4	93	16	994	45.9	108	3	1	0

Optic: Flood **Lens:** Transparent

System					Source			BUG		
Luminous Flux	Nominal CCT	W	lm/W	n° led	mA	W	lm/W	Backlight	Uplight	Glare
4950 lm	4000 K	53.4	93	16	994	45.9	108	3	1	0

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