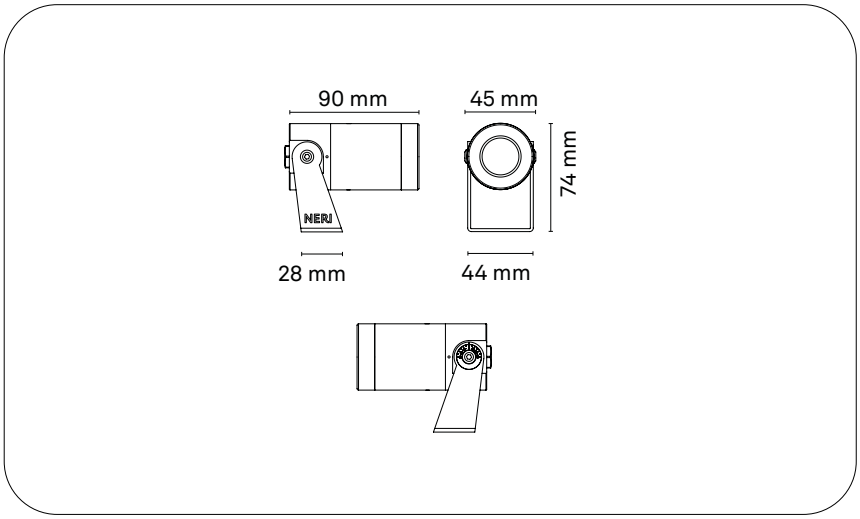
NERI

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

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CE IP66 IK08 Classe II

ORDERING INFORMATION / GUIDE

Example**: LUKAU00-N-D70-827-L003-ST-V1-F27-M2-CN0**

OPTIQUE	RA+K	LUMINOUS FLUX	SCREEN FINISH	POWER SUPPLY	DRIVER FUNCTION	ISO CLASS	FINISH
D70 Spot	**827** Ra80 2700 K	**L003** 300 lm	**ST** Transparent	**V5** 24V	**F52** PWM	**M2** Class II	**CN0** Grey [Neri] Textured
D71 Flood	**830** Ra80 3000 K			**V1** 220V-240V	**F27** ON/OFF+CLO	**M3** Class III	
D72 Medium Wide Flood	**840** Ra80 4000 K						

Generated code: **LUKAU00 - 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: E
LED forward current: 123 mA
Power rating: 4.4 W
Nominal Flux: 258 lm
Nominal CCT (Colour temperature): 2700 K, 3000 K, 4000 K
Color Rendering Index (Ra): 80
Standard Deviation Colour Matching: ≤3
ANSI/IES TM-30: Rf = 84 Rg = 97
Rated lifetime: L80B50 60000 h @ Tq = 25 °C

LIGHTING CHARACTERISTICS

TIR lens in PMMA.

Optique: Spot, Flood, Medium Wide Flood
Optical efficiency: LOR = 100% ULOR = 0%
LED quantity: 1
Cutoff Angle: Cutoff C = 0° γ = 0, 2°
Luminous flux: 258 lm
Luminous efficacy: 50 lm/W
IPEA: Road E / E, Urban D / D, Ped E / E, Park E / E, Art D / D
BUG: B=0-1, U=0, G=0
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: 5.2 W
Power supply: 220V-240V~ 50/60Hz, 24V
Power factor: ≥0.9
Insulation class: Class II, Class III
Control type - driver: PWM, ON/OFF+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
Cable type: H05RN-F 2X1mm²
Cable length: 2 m
Surge protection: 2kV CM - 2kV DM

MECHANICAL CHARACTERISTICS

Structure composed of a die-cast aluminum base and body (UNI EN 1706), with a transparent tempered flat glass protective screen, IK08 impact resistant (EN 62262).
±90° tilt adjustment system with 30° steps.
Gasket with closure via shaped tool and high thermal conductivity aluminum PCB (≥ 2.0 W/mK).
Stainless steel screws; fixing plugs not included.

Length: 90 mm
Width: 45 mm
Height: 74 mm
Weight: 1 kg
Protection degree: IP66
Mechanical resistance: IK08
Finish: Grey [Neri] Textured

INSTALLATION

Installation via anchors fastening (not included).
Adjustable ±90° with 30° steps.
Anchors not included.
Adjustable ±90° in 30° increments.

WARNINGS

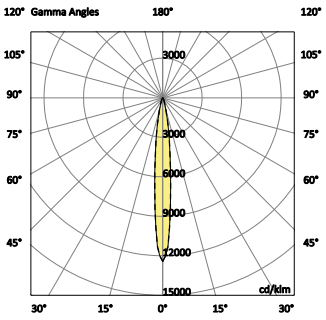
Luminaire designed for disposal/recycling at end-of-life.
Replaceable (LED only) light source by a professional.
Replaceable control gear by a professional.
Protection of surfaces: please refer to the specification on painting procedures of the materials.

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Optic: Spot

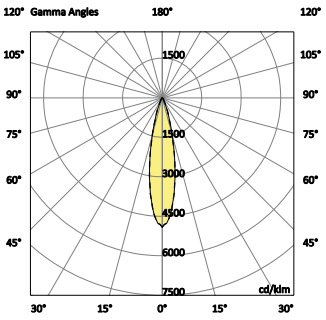
Screen finish: Transparent



H [m]	D [m]	Emax [lx]
	11	
1	0.19	12417
2	0.39	3104
3	0.58	1380
4	0.77	776
5	0.96	497

Optic: Flood

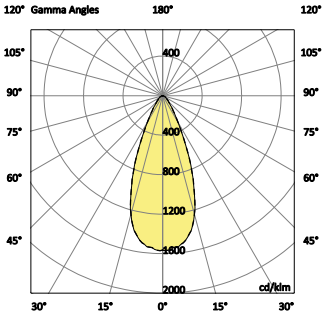
Screen finish: Transparent



H [m]	D [m]	Emax [lx]
	22	
1	0.39	4910
2	0.78	1228
3	1.17	546
4	1.56	307
5	1.94	196

Optic: Medium Wide Flood

Screen finish: Transparent



H [m]	D [m]	Emax [lx]
	43	
1	0.79	1563
2	1.58	391
3	2.36	174
4	3.15	98
5	3.94	63

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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**
258 lm	2700 K	5.2	50	1	123	4.4	59	E	D	E	E	D
258 lm	3000 K	5.2	50	1	123	4.4	59	E	D	E	E	D
258 lm	4000 K	5.2	50	1	123	4.4	59	E	D	E	E	D

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**
258 lm	2700 K	5.2	50	1	123	4.4	59	E	D	E	E	D
258 lm	3000 K	5.2	50	1	123	4.4	59	E	D	E	E	D
258 lm	4000 K	5.2	50	1	123	4.4	59	E	D	E	E	D

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**
258 lm	2700 K	5.2	50	1	123	4.4	59	E	D	E	E	D
258 lm	3000 K	5.2	50	1	123	4.4	59	E	D	E	E	D
258 lm	4000 K	5.2	50	1	123	4.4	59	E	D	E	E	D

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