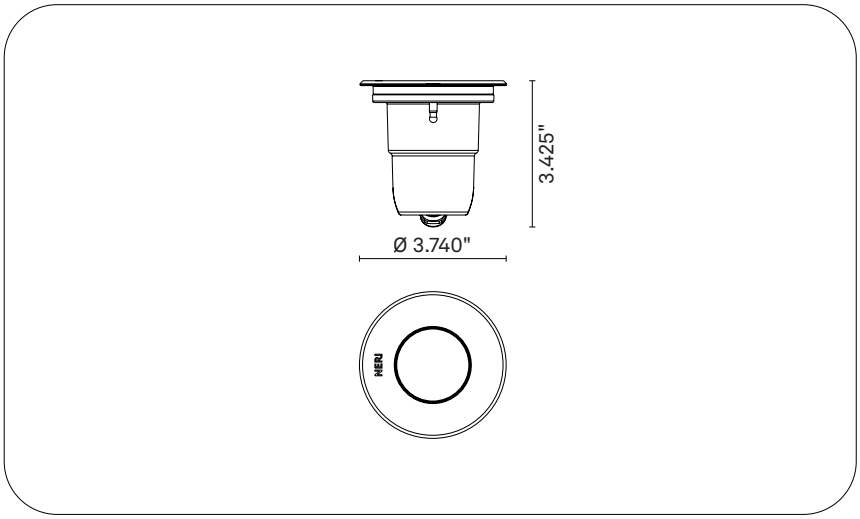
NERI

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

ORIGO | LUMINAIRE | ORIGO STAINLESS 90





IP66 IP68 IK10 III

ORDERING INFORMATION / GUIDE

Example**: LUORI00-U-D81-827-L004-ST-V4-F52-M3-CS1**

OPTICS	RA+K	LUMINOUS FLUX	LENS	VOLTAGE	DRIVER FUNCTION	ISO CLASS	FINISH
D79 Spot	**827** Ra80 2700 K	**L004** 400 lm	**ST** Transparent	**V4** 24Vdc	**F52** PWM	**M3** Class III	**CS1** Ring - Stainless Steel
D80 Flood	**830** Ra80 3000 K	**L005** 500 lm					**CO1** Ring - Brass
D81 Medium Wide Flood	**840** Ra80 4000 K						

Generated code: **LUORI00 - 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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SOURCE
High-power LED matrix.

Energy-efficiency class: E
LED forward current: 500 mA
Power rating: 4.2 W
Nominal Flux: 430-490 lm
Nominal CCT (Color temperature): 2700 K, 3000 K, 4000 K
Color Rendering Index (Ra): 80
Standard Deviation Colour Matching: ≤3
Rated lifetime: L80 = 50000 h (Ts = 105 °C, 700 mA)

LIGHTING CHARACTERISTICS
PMMA TIR refractive lenses.

Optics: Spot, Flood, Medium Wide Flood
Optical efficiency: LOR = 100% ULOR = 100%
LED quantity: 3
Cutoff Angle: Non Cutoff C = 0° γ = 172, 180°
Luminous flux: 430-490 lm
Luminous efficacy: 67-77 lm/W
BUG: B=0, U=3, G=0
Photobiological safety: RG1 - Low risk

ELECTRICAL CHARACTERISTICS
Installation is carried out using the dedicated installation housing, ensuring proper drainage and waterproofing of the system.

Luminaire power: 6.4 W
Voltage: 24Vdc
Insulation class: Class III
Control type - driver: PWM
Ambient temperature: -31 °F / +122 °F
Driver included: No
Cable type: H05RN-F 2X1mm²
Cable length: 16.404 ft

MECHANICAL CHARACTERISTICS
Housing consisting of a body and front closing ring in AISI 316L stainless steel, with a transparent extra-clear tempered glass protective cover, impact-resistant to IK10 (EN 62262).
IP66-IP68 protection rating.
Stainless steel screws; power supply cable included (H05RN-F).

Diameter: 3.74 in
Height: 3.425 in
Weight: 4.19 lb
Protection degree: IP66 / IP68
Mechanical resistance: IK10
Finish: Ring - Stainless Steel, Ring - Brass

INSTALLATION
The luminaire can be installed using two different types of recessed housings, available in different shapes and sizes: cylindrical and square.
The recessed housings must be secured in the ground with concrete beforehand and perfectly level with the finished paving.

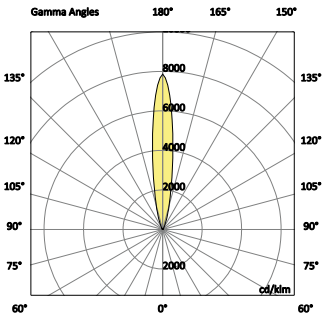
WARNINGS
Protection of surfaces: please refer to the specification on painting procedures of the materials.

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Optic: Spot

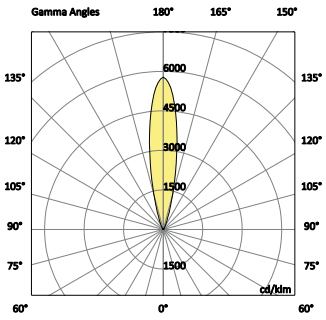
Lens: Transparent



H [m]	D [m]	Emax [lx]
	15	
1	0.26	0
2	0.53	0
3	0.79	0
4	1.05	0
5	1.32	0

Optic: Flood

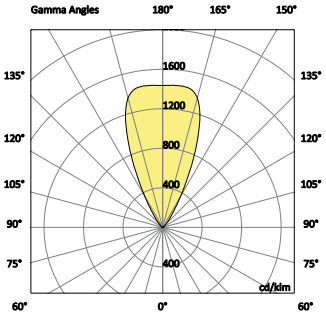
Lens: Transparent



H [m]	D [m]	Emax [lx]
	20	
1	0.35	0
2	0.71	0
3	1.06	0
4	1.41	0
5	1.76	0

Optic: Medium Wide Flood

Lens: Transparent



H [m]	D [m]	Emax [lx]
	49	
1	0.91	0
2	1.82	0
3	2.73	0
4	3.65	0
5	4.56	0

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Optic: Spot

Lens: Transparent

System					Source			BUG		
Luminous Flux	**Nominal CCT**	**W**	**lm/W**	**n° led**	**mA**	**W**	**lm/W**	**Backlight**	**Uplight**	**Glare**
440 lm	2700 K	6.4	69	3	500	4.2	105	0	3	0
440 lm	3000 K	6.4	69	3	500	4.2	105	0	3	0
470 lm	4000 K	6.4	73	3	500	4.2	112	0	3	0

Optic: Flood

Lens: Transparent

System					Source			BUG		
Luminous Flux	**Nominal CCT**	**W**	**lm/W**	**n° led**	**mA**	**W**	**lm/W**	**Backlight**	**Uplight**	**Glare**
460 lm	2700 K	6.4	72	3	500	4.2	110	0	3	0
460 lm	3000 K	6.4	72	3	500	4.2	110	0	3	0
490 lm	4000 K	6.4	77	3	500	4.2	117	0	3	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**
430 lm	2700 K	6.4	67	3	500	4.2	102	0	3	0
430 lm	3000 K	6.4	67	3	500	4.2	102	0	3	0
460 lm	4000 K	6.4	72	3	500	4.2	110	0	3	0

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