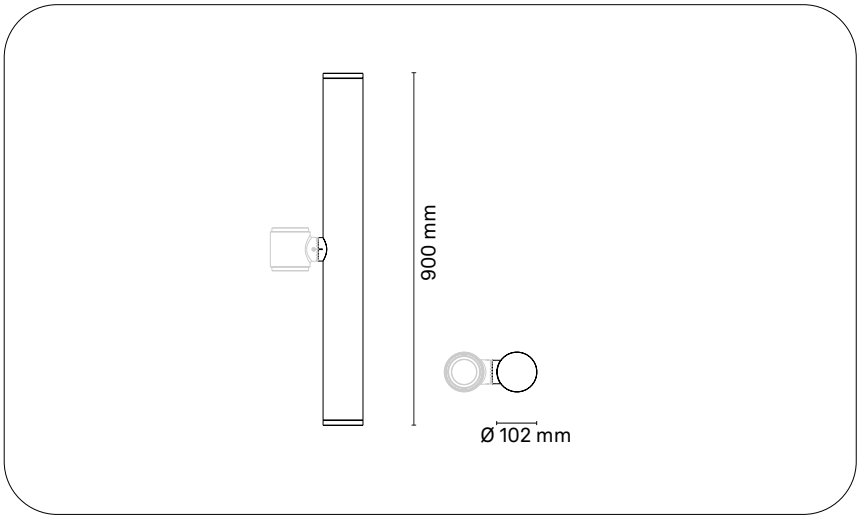
NERI

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

NEBULA S | LUMINAIRE





IP66 IK08 Classe II

ORDERING INFORMATION / GUIDE

Example**: LUNEBS0-N-D66-827-L015-ST-V1-F06-M2-CN0**

OPTIQUE	RA+K	LUMINOUS FLUX	SCREEN FINISH	POWER SUPPLY	DRIVER FUNCTION	ISO CLASS	FINISH
D67 Wide Flood	**827** Ra80 2700 K	**L015** 1500 lm	**ST** Transparent	**V1** 220V-240V	**F06** DALI+CLO	**M2** Class II	**CN0** Grey [Neri] Textured
D68 Very Wide Flood	**830** Ra80 3000 K	**L025** 2500 lm	**SP** Prismatic		**F14** NVL6H+CLO		
D66 Flood	**840** Ra80 4000 K						
D02 Type II							
D10 Type IV							
D65 Type VR							

Generated code: **LUNEBS0 - 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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NEBULA S | LUMINAIRE

SOURCE

COB LED.

Energy-efficiency class: C
LED forward current: 316-660 mA
Power rating: 10.4-22.5 W
Nominal Flux: 1500-2500 lm
Nominal CCT (Colour temperature): 2700 K, 3000 K, 4000 K
Color Rendering Index (Ra): 80
Standard Deviation Colour Matching: ≤3
Rated lifetime: L90B10 100000 h @ Tq = 25 °C

LIGHTING CHARACTERISTICS

Single silicone lens.

Optique: Wide Flood, Very Wide Flood, Flood, Type II, Type IV, Type VR
Optical efficiency: LOR = 100% ULOR = 0%
LED quantity: 1
Cutoff Angle: Cutoff C = 0, 55° γ = 0, 47°
Luminous flux: 1500-2500 lm
Luminous efficacy: 95-109 lm/W
Maximum luminous intensity γ 90°: ≤1.34 cd/klm
Luminous intensity class: G*5, G*6
IPEA: Road A++ / A3+, Urban A++ / A4+, Ped A++ / A3+, Park A++ / A3+, Art A4+ / A7+
BUG: B=1-2, U=0-1, G=0-1
Photobiological safety: RG1 - Low risk

ELECTRICAL CHARACTERISTICS

Luminaire power: 13.8-26.3 W
Power supply: 220V-240V~ 50/60Hz
Power factor: ≥0.99
Insulation class: Class II
Control type - driver: DALI+CLO, NVL6H+CLO
Safe Flicker: PstLM=<1 e SVM=<0,4 (IEC TR 61547-1 e IEC TR 63158)
Ambient temperature: -35 °C / +50 °C
Driver included: Yes

Cable type: H07RN-F 2X1.5mm², H07RN-F 4X1.5mm²
Cable length: 9 m
Surge protection: 10kV CM - 6kV DM

MECHANICAL CHARACTERISTICS

Structure made of extruded aluminum and sheet aluminum with an external frame and integrated heat sink in cast aluminum.
Protective screen in extra-clear tempered flat glass, transparent or prismatized, with silicone gaskets and exposed stainless steel or burnished screws.
Central aluminum sheet cover for access to the tilt adjustment compartment.
Equipped with an osmotic valve for internal/external pressure balancing.

Diameter: 102 mm
Height: 900 mm
Weight: 5 kg
Wind-exposed area: 0.05 m²
Protection degree: IP66
Mechanical resistance: IK08
Finish: Grey [Neri] Textured

INSTALLATION

Fixing via adjustable joint with continuous ±45° regulation and locking by means of two M6 grub screws with stainless steel locknuts.
Joint with tilt adjustment.
Infinite adjustment possible without intermediate steps.
Fastening via four M8 stainless steel grub screws with locknuts.

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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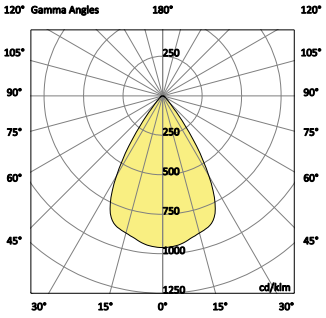
NERI

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

NEBULA S | LUMINAIRE

Optic: Wide Flood

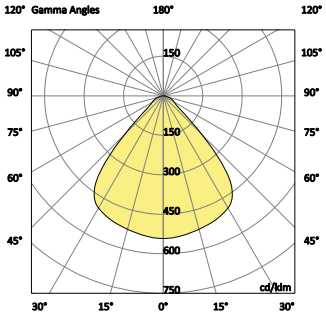
Screen finish: Transparent



H [m]	D [m]	Emax [lx]
	64	
1	1.25	960
2	2.5	240
3	3.75	107
4	5	60
5	6.25	38

Optic: Very Wide Flood

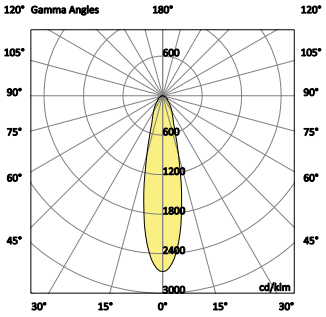
Screen finish: Transparent



H [m]	D [m]	Emax [lx]
	86	
1	1.87	542
2	3.73	136
3	5.6	60
4	7.46	34
5	9.33	22

Optic: Flood

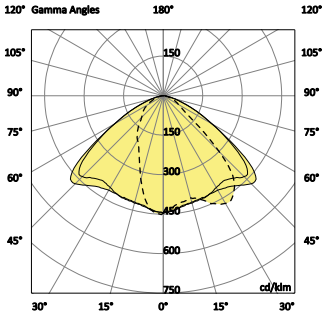
Screen finish: Transparent

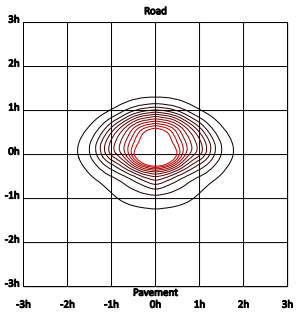


H [m]	D [m]	Emax [lx]
	24	
1	0.43	2672
2	0.85	668
3	1.28	297
4	1.7	167
5	2.13	107

Optic: Type II

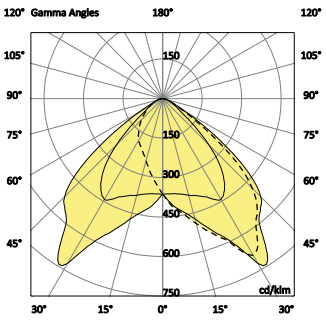
Screen finish: Prismatic

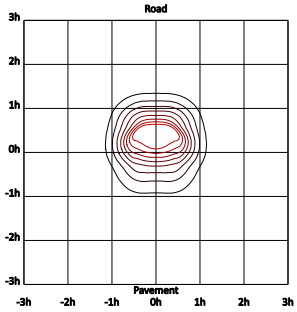




Optic: Type IV

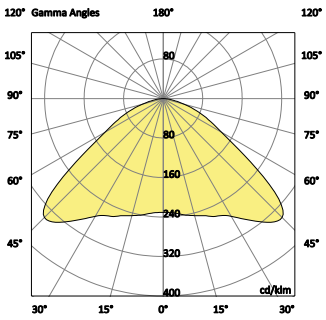
Screen finish: Prismatic

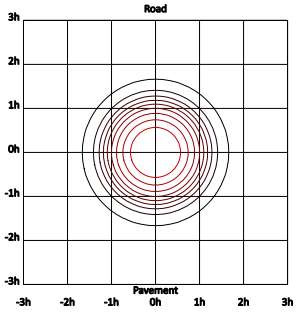




Optic: Type VR

Screen finish: Prismatic





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NEBULA S | LUMINAIRE

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**
1500 lm	2700 K	14.2	106	1	327	10.8	139	A3+	A4+	A3+	A3+	A6+
1500 lm	3000 K	13.9	108	1	320	10.5	143	A3+	A4+	A3+	A3+	A6+
1500 lm	4000 K	13.8	109	1	316	10.4	144	A3+	A4+	A3+	A3+	A7+
2500 lm	2700 K	24.7	101	1	616	20.9	120	A++	A3+	A++	A++	A5+
2500 lm	3000 K	24.1	104	1	599	20.3	123	A3+	A3+	A++	A++	A6+
2500 lm	4000 K	23.8	105	1	591	20	125	A3+	A4+	A3+	A3+	A6+

Optic: Very 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**
1500 lm	2700 K	14.2	106	1	327	10.8	139	A3+	A4+	A3+	A3+	A6+
1500 lm	3000 K	13.9	108	1	320	10.5	143	A3+	A4+	A3+	A3+	A6+
1500 lm	4000 K	13.8	109	1	316	10.4	144	A3+	A4+	A3+	A3+	A7+
2500 lm	2700 K	24.7	101	1	616	20.9	120	A++	A3+	A++	A++	A5+
2500 lm	3000 K	24.1	104	1	599	20.3	123	A3+	A3+	A++	A++	A6+
2500 lm	4000 K	23.8	105	1	591	20	125	A3+	A4+	A3+	A3+	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**
1500 lm	2700 K	14.2	106	1	327	10.8	139	A3+	A4+	A3+	A3+	A6+
1500 lm	3000 K	13.9	108	1	320	10.5	143	A3+	A4+	A3+	A3+	A6+
1500 lm	4000 K	13.8	109	1	316	10.4	144	A3+	A4+	A3+	A3+	A7+
2500 lm	2700 K	24.7	101	1	616	20.9	120	A++	A3+	A++	A++	A5+
2500 lm	3000 K	24.1	104	1	599	20.3	123	A3+	A3+	A++	A++	A6+
2500 lm	4000 K	23.8	105	1	591	20	125	A3+	A4+	A3+	A3+	A6+

Optic: Type II

Screen finish: Prismatic

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	14.9	101	1	347	11.4	132	A++	A3+	A++	A++	A5+
1500 lm	3000 K	14.6	103	1	339	11.2	134	A3+	A3+	A++	A++	A6+
1500 lm	4000 K	14.4	104	1	335	11	136	A3+	A3+	A++	A++	A6+
2500 lm	2700 K	26.3	95	1	660	22.5	111	A++	A++	A+	A+	A4+
2500 lm	3000 K	25.7	97	1	642	21.9	114	A++	A++	A+	A+	A5+
2500 lm	3000 K	25.6	98	1	625	21.8	115	A++	A++	A++	A++	A5+
2500 lm	4000 K	25.3	99	1	633	21.5	116	A++	A3+	A++	A++	A5+

Optic: Type IV

Screen finish: Prismatic

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	14.9	101	1	347	11.4	132	A++	A3+	A++	A++	A5+
1500 lm	3000 K	14.6	103	1	339	11.2	134	A3+	A3+	A++	A++	A6+
1500 lm	4000 K	14.4	104	1	335	11	136	A3+	A3+	A++	A++	A6+
2500 lm	2700 K	26.3	95	1	660	22.5	111	A++	A++	A+	A+	A4+
2500 lm	3000 K	25.7	97	1	642	21.9	114	A++	A++	A+	A+	A5+
2500 lm	4000 K	25.3	99	1	633	21.5	116	A++	A3+	A++	A++	A5+

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NEBULA S | LUMINAIRE

Optic: Type VR

Screen finish: Prismatic

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	14.9	101	1	347	11.4	132	A++	A3+	A++	A++	A5+
1500 lm	3000 K	14.6	103	1	339	11.2	134	A3+	A3+	A++	A++	A6+
1500 lm	4000 K	14.4	104	1	335	11	136	A3+	A3+	A++	A++	A6+
2500 lm	2700 K	26.3	95	1	660	22.5	111	A++	A++	A+	A+	A4+
2500 lm	3000 K	25.7	97	1	642	21.9	114	A++	A++	A+	A+	A5+
2500 lm	4000 K	25.3	99	1	633	21.5	116	A++	A3+	A++	A++	A5+

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