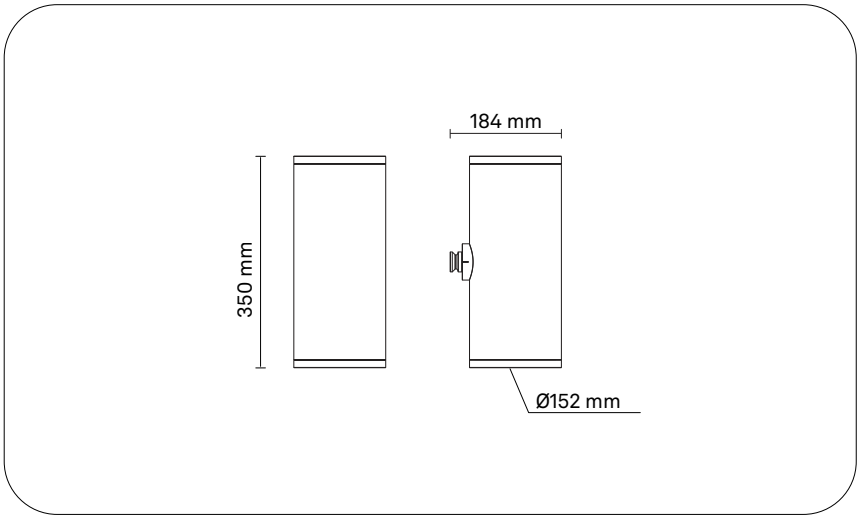
NERI

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

NEBULA COMPACT L | LUMINAIRE





IP66 IK08 Classe II

ORDERING INFORMATION / GUIDE

Example**: LUNEBL1-N-D02-827-L025-SP-V1-F14-M2-CN0**

OPTIQUE	RA+K	LUMINOUS FLUX	SCREEN FINISH	POWER SUPPLY	DRIVER FUNCTION	ISO CLASS	FINISH
D67 Wide Flood	**827** Ra80 2700 K	**L025** 2500 lm	**ST** Transparent	**V1** 220V-240V	**F06** DALI+CLO	**M2** Class II	**CN0** Grey [Neri] Textured
D66 Flood	**830** Ra80 3000 K	**L035** 3500 lm	**SP** Prismatic		**F14** NVL6H+CLO		
D02 Type II	**840** Ra80 4000 K	**L045** 4500 lm					
D10 Type IV		**L060** 6000 lm					
D65 Type VR							

Generated code: **LUNEBL1 - 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 COMPACT L | LUMINAIRE

SOURCE

COB LED.

Energy-efficiency class: D
LED forward current: 343-960 mA
Power rating: 16.4-47.7 W
Nominal Flux: 2500-6000 lm
Nominal CCT (Colour temperature): 2700 K, 3000 K, 4000 K
Color Rendering Index (Ra): 80
Standard Deviation Colour Matching: ≤3
Rated lifetime: L80B10 75000 h @ Tq = 25 °C

LIGHTING CHARACTERISTICS

Single silicone lens.

Optique: Wide Flood, Flood, Type II, Type IV, Type VR
Optical efficiency: LOR = 100% ULOR = 0%
LED quantity: 1
Cutoff Angle: Cutoff C = 0, 75° γ = 0, 54°
Luminous flux: 2500-6000 lm
Luminous efficacy: 112-123 lm/W
Luminous intensity class: G*6
IPEA: Road A4+ / A5+, Urban A4+ / A6+, Ped A3+ / A5+, Park A3+ / A5+, Art A7+ / A9+
BUG: B=1-3, U=0, G=0-1
Photobiological safety: RG1 - Low risk

ELECTRICAL CHARACTERISTICS

Luminaire power: 20.3-53.6 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: 152 mm
Height: 350 mm
Weight: 4.5 kg
Wind-exposed area: 0.26 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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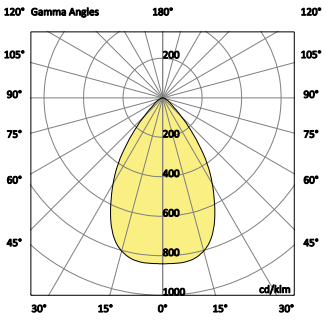
Project location:	Fixture type: Qty:
Project name:	Notes:

NEBULA COMPACT L | LUMINAIRE

Optic: Wide Flood

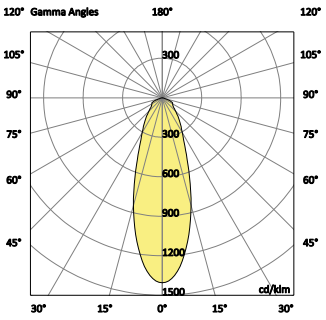
Screen finish: Transparent



H [m]	D [m]	Emax [lx]
	67	
2	2.65	210
4	5.3	53
6	7.94	23
8	10.59	13
10	13.24	8

Optic: Flood

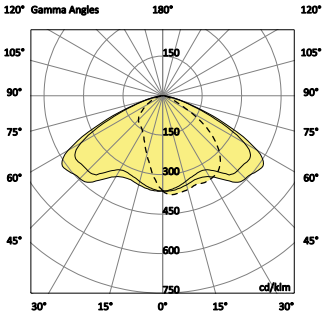
Screen finish: Transparent

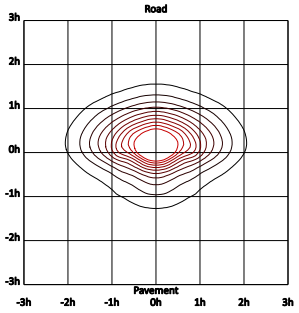


H [m]	D [m]	Emax [lx]
	35	
2	1.26	351
4	2.52	88
6	3.78	39
8	5.04	22
10	6.31	14

Optic: Type II

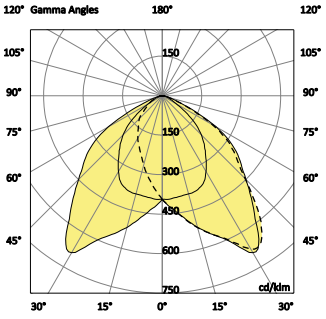
Screen finish: Prismatic

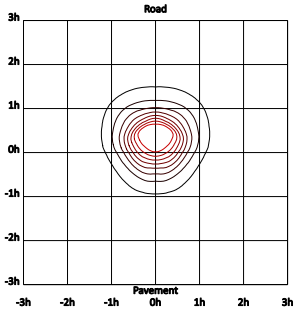




Optic: Type IV

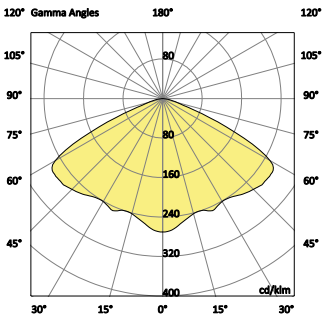
Screen finish: Prismatic

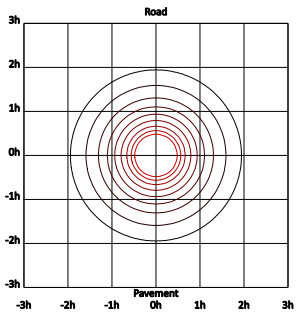




Optic: Type VR

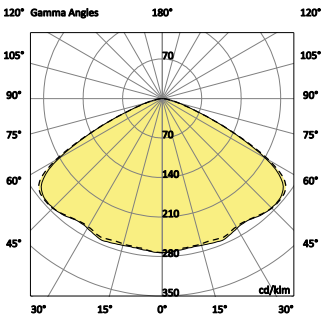
Screen finish: Transparent

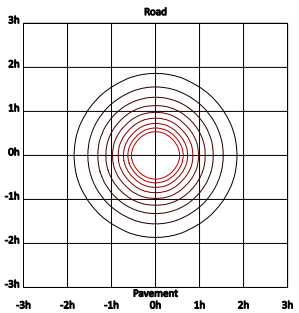




Optic: Type VR

Screen finish: Prismatic





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NEBULA COMPACT L | 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**
2500 lm	2700 K	21.8	115	1	368	17.7	141	A4+	A5+	A4+	A4+	A8+
2500 lm	3000 K	20.9	120	1	352	16.9	148	A5+	A6+	A4+	A4+	A8+
2500 lm	4000 K	20.3	123	1	343	16.4	152	A5+	A6+	A5+	A5+	A9+
3500 lm	2700 K	30.3	116	1	524	25.4	138	A4+	A5+	A4+	A4+	A8+
3500 lm	3000 K	29.2	120	1	501	24.3	144	A5+	A6+	A4+	A4+	A8+
3500 lm	4000 K	28.4	123	1	488	23.6	148	A5+	A6+	A5+	A5+	A9+
4500 lm	2700 K	39.4	114	1	691	33.9	133	A4+	A5+	A4+	A4+	A8+
4500 lm	3000 K	37.7	119	1	659	32.3	139	A5+	A6+	A4+	A4+	A8+
4500 lm	4000 K	36.7	123	1	641	31.3	144	A5+	A6+	A5+	A5+	A9+
6000 lm	2700 K	53.6	112	1	960	47.7	126	A4+	A4+	A3+	A3+	A7+
6000 lm	3000 K	51.1	117	1	914	45.3	132	A5+	A5+	A4+	A4+	A8+
6000 lm	4000 K	49.7	121	1	888	43.9	137	A5+	A6+	A5+	A5+	A9+

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**
2500 lm	2700 K	21.8	115	1	368	17.7	141	A4+	A5+	A4+	A4+	A8+
2500 lm	3000 K	20.9	120	1	352	16.9	148	A5+	A6+	A4+	A4+	A8+
2500 lm	4000 K	20.3	123	1	343	16.4	152	A5+	A6+	A5+	A5+	A9+
3500 lm	2700 K	30.3	116	1	524	25.4	138	A4+	A5+	A4+	A4+	A8+
3500 lm	3000 K	29.2	120	1	501	24.3	144	A5+	A6+	A4+	A4+	A8+
3500 lm	4000 K	28.4	123	1	488	23.6	148	A5+	A6+	A5+	A5+	A9+
4500 lm	2700 K	39.4	114	1	691	33.9	133	A4+	A5+	A4+	A4+	A8+
4500 lm	3000 K	37.7	119	1	659	32.3	139	A5+	A6+	A4+	A4+	A8+
4500 lm	4000 K	36.7	123	1	641	31.3	144	A5+	A6+	A5+	A5+	A9+
6000 lm	2700 K	53.6	112	1	960	47.7	126	A4+	A4+	A3+	A3+	A7+
6000 lm	3000 K	51.1	117	1	914	45.3	132	A5+	A5+	A4+	A4+	A8+
6000 lm	4000 K	49.7	121	1	888	43.9	137	A5+	A6+	A5+	A5+	A9+

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**
2500 lm	2700 K	21.8	115	1	368	17.7	141	A4+	A5+	A4+	A4+	A8+
2500 lm	3000 K	20.9	120	1	352	16.9	148	A5+	A6+	A4+	A4+	A8+
2500 lm	4000 K	20.3	123	1	343	16.4	152	A5+	A6+	A5+	A5+	A9+
3500 lm	2700 K	30.3	116	1	524	25.4	138	A4+	A5+	A4+	A4+	A8+
3500 lm	3000 K	29.2	120	1	501	24.3	144	A5+	A6+	A4+	A4+	A8+
3500 lm	4000 K	28.4	123	1	488	23.6	148	A5+	A6+	A5+	A5+	A9+
4500 lm	2700 K	39.4	114	1	691	33.9	133	A4+	A5+	A4+	A4+	A8+
4500 lm	3000 K	37.7	119	1	659	32.3	139	A5+	A6+	A4+	A4+	A8+
4500 lm	4000 K	36.7	123	1	641	31.3	144	A5+	A6+	A5+	A5+	A9+
6000 lm	2700 K	53.6	112	1	960	47.7	126	A4+	A4+	A3+	A3+	A7+
6000 lm	3000 K	51.1	117	1	914	45.3	132	A5+	A5+	A4+	A4+	A8+
6000 lm	4000 K	49.7	121	1	888	43.9	137	A5+	A6+	A5+	A5+	A9+

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NEBULA COMPACT L | LUMINAIRE

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**
2500 lm	2700 K	21.8	115	1	368	17.7	141	A4+	A5+	A4+	A4+	A8+
2500 lm	3000 K	20.9	120	1	352	16.9	148	A5+	A6+	A4+	A4+	A8+
2500 lm	4000 K	20.3	123	1	343	16.4	152	A5+	A6+	A5+	A5+	A9+
3500 lm	2700 K	30.3	116	1	524	25.4	138	A4+	A5+	A4+	A4+	A8+
3500 lm	3000 K	29.2	120	1	501	24.3	144	A5+	A6+	A4+	A4+	A8+
3500 lm	4000 K	28.4	123	1	488	23.6	148	A5+	A6+	A5+	A5+	A9+
4500 lm	2700 K	39.4	114	1	691	33.9	133	A4+	A5+	A4+	A4+	A8+
4500 lm	3000 K	37.7	119	1	659	32.3	139	A5+	A6+	A4+	A4+	A8+
4500 lm	4000 K	36.7	123	1	641	31.3	144	A5+	A6+	A5+	A5+	A9+
6000 lm	2700 K	53.6	112	1	960	47.7	126	A4+	A4+	A3+	A3+	A7+
6000 lm	3000 K	51.1	117	1	914	45.3	132	A5+	A5+	A4+	A4+	A8+
6000 lm	4000 K	49.7	121	1	888	43.9	137	A5+	A6+	A5+	A5+	A9+

Optic: Type VR

Screen finish: Transparent

System					Source			IPEA				
Luminous Flux	**Nominal CCT**	**W**	**lm/W**	**n° led**	**mA**	**W**	**lm/W**	**Road**	**Urban**	**Ped**	**Park**	**Art**
2500 lm	2700 K	21.8	115	1	368	17.7	141	A4+	A5+	A4+	A4+	A8+
2500 lm	3000 K	20.9	120	1	352	16.9	148	A5+	A6+	A4+	A4+	A8+
2500 lm	4000 K	20.3	123	1	343	16.4	152	A5+	A6+	A5+	A5+	A9+
3500 lm	2700 K	30.3	116	1	524	25.4	138	A4+	A5+	A4+	A4+	A8+
3500 lm	3000 K	29.2	120	1	501	24.3	144	A5+	A6+	A4+	A4+	A8+
3500 lm	4000 K	28.4	123	1	488	23.6	148	A5+	A6+	A5+	A5+	A9+
4500 lm	2700 K	39.4	114	1	691	33.9	133	A4+	A5+	A4+	A4+	A8+
4500 lm	3000 K	37.7	119	1	659	32.3	139	A5+	A6+	A4+	A4+	A8+
4500 lm	4000 K	36.7	123	1	641	31.3	144	A5+	A6+	A5+	A5+	A9+
6000 lm	2700 K	53.6	112	1	960	47.7	126	A4+	A4+	A3+	A3+	A7+
6000 lm	3000 K	51.1	117	1	914	45.3	132	A5+	A5+	A4+	A4+	A8+
6000 lm	4000 K	49.7	121	1	888	43.9	137	A5+	A6+	A5+	A5+	A9+

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**
2500 lm	2700 K	21.8	115	1	368	17.7	141	A4+	A5+	A4+	A4+	A8+
2500 lm	3000 K	20.9	120	1	352	16.9	148	A5+	A6+	A4+	A4+	A8+
2500 lm	4000 K	20.3	123	1	343	16.4	152	A5+	A6+	A5+	A5+	A9+
3500 lm	2700 K	30.3	116	1	524	25.4	138	A4+	A5+	A4+	A4+	A8+
3500 lm	3000 K	29.2	120	1	501	24.3	144	A5+	A6+	A4+	A4+	A8+
3500 lm	4000 K	28.4	123	1	488	23.6	148	A5+	A6+	A5+	A5+	A9+
4500 lm	2700 K	39.4	114	1	691	33.9	133	A4+	A5+	A4+	A4+	A8+
4500 lm	3000 K	37.7	119	1	659	32.3	139	A5+	A6+	A4+	A4+	A8+
4500 lm	4000 K	36.7	123	1	641	31.3	144	A5+	A6+	A5+	A5+	A9+
6000 lm	2700 K	53.6	112	1	960	47.7	126	A4+	A4+	A3+	A3+	A7+
6000 lm	3000 K	51.1	117	1	914	45.3	132	A5+	A5+	A4+	A4+	A8+
6000 lm	4000 K	49.7	121	1	888	43.9	137	A5+	A6+	A5+	A5+	A9+

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