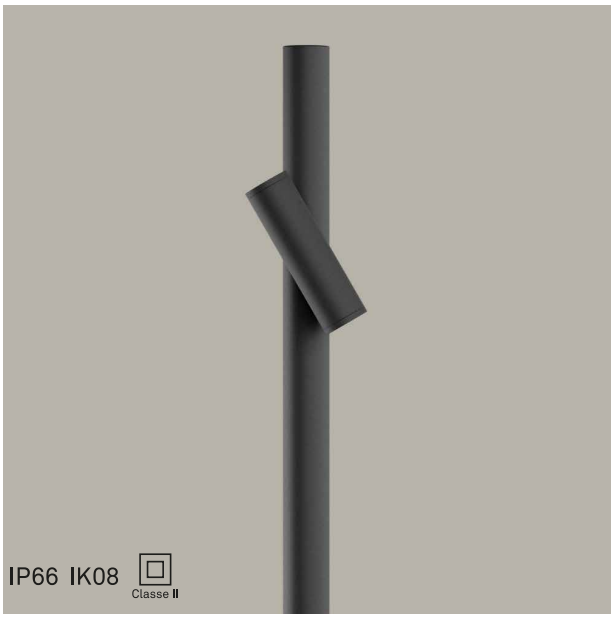
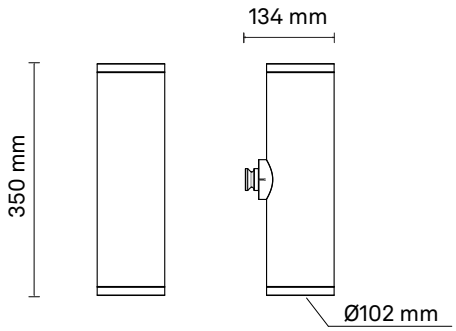
Nebula Compact S | Luminaire





Ordering Information / Guide

Example**: LUNEBS1-N-D02-827-L015-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	**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: **LUNEBS1 - 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.

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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	350 mm
Weight	3 kg
Wind-exposed area	0.21 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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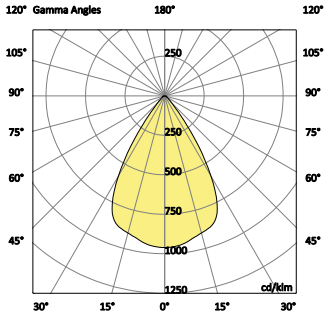
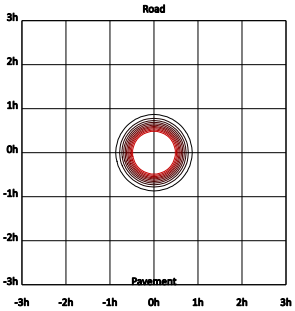
Optic: Wide Flood

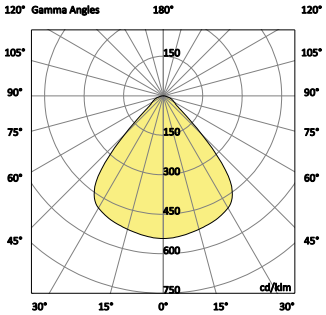
Screen finish: Transparent

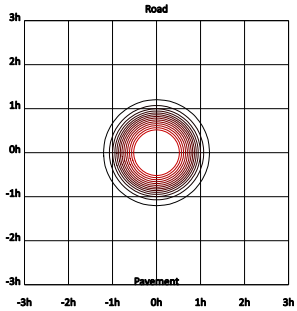




Optic: Very Wide Flood

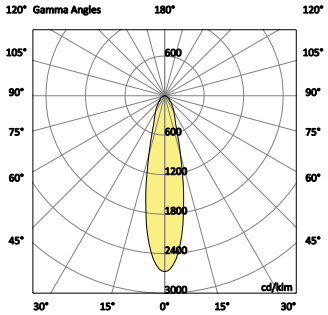
Screen finish: Transparent

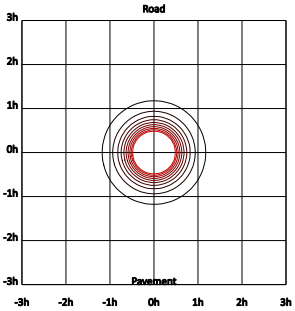




Optic: Flood

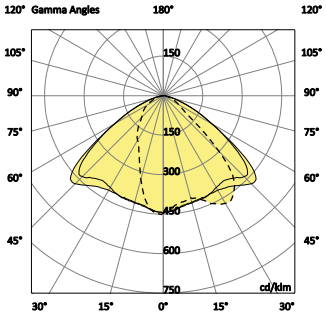
Screen finish: Transparent

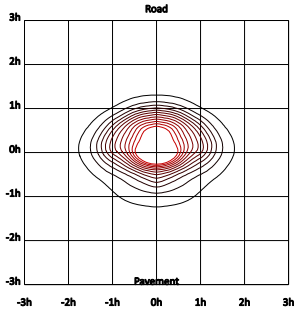




Optic: Type II

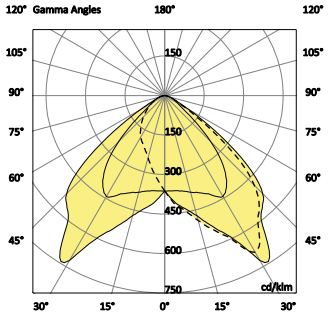
Screen finish: Prismatic

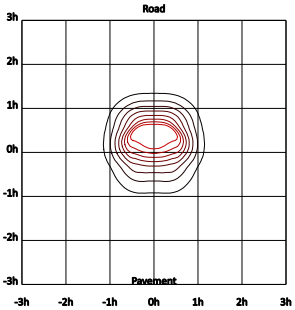




Optic: Type IV

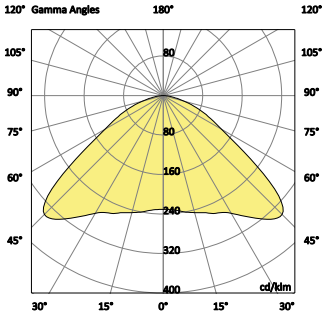
Screen finish: Prismatic

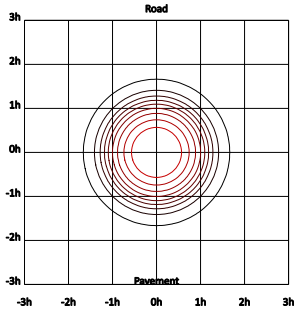




Optic: Type VR

Screen finish: Prismatic





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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	4000 K	25.3	99	1	633	21.5	116	A++	A3+	A++	A++	A5+

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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+

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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