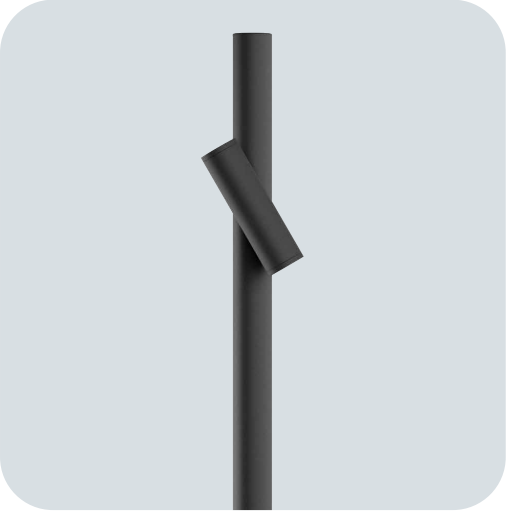
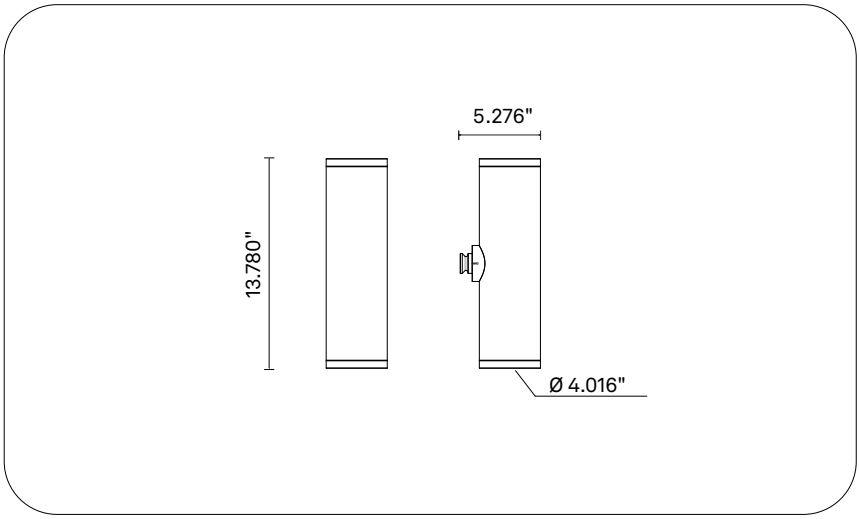
NERI

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

NEBULA COMPACT S | LUMINAIRE





IP66 IK08 cULus

ORDERING INFORMATION / GUIDE

Example**: LUNEBS1-U-D02-827-L015-SP-V0-F49-MU-CN0**

OPTICS	RA+K	LUMINOUS FLUX	LENS	VOLTAGE	DRIVER FUNCTION	ISO CLASS	FINISH
D67 Wide Flood	**827** Ra80 2700 K	**L006** 600 lm	**ST** Transparent	**V0** 120V-277V	**F49** 1-10V	**MU** UL	**CN0** Grey [Neri] Textured
D68 Very Wide Flood	**830** Ra80 3000 K	**L015** 1500 lm	**SP** Prismatic				
D66 Flood	**840** Ra80 4000 K	**L025** 2500 lm					
D02 T2	**XAM** Amber						
D22 T3 narrow							
D10 T4							
D30 T5 square medium							
D65 T5 round							

Generated code: **LUNEBS1 - 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.

Property of Neri S.p.A. - Reproduction and use for unauthorized purposes is prohibited.
Neri reserves the right to make changes to its products and documentation without prior notice.

NEBULA COMPACT S | LUMINAIRE

SOURCE

COB LED.

Energy-efficiency class: C
LED forward current: 316-700 mA
Power rating: 10.4-22.5 W
Nominal Flux: 550-2500 lm
Nominal CCT (Color temperature): 2700 K, 3000 K, 4000 K, Amber
Color Rendering Index (Ra): 80
Standard Deviation Colour Matching: ≤3
Rated lifetime: L90 = 100000 h (Ts = 105 °C, 945 mA), L80 = 60000 h (Ts = 105 °C, 700 mA)

LIGHTING CHARACTERISTICS

Single silicone lens.

Optics: Wide Flood, Very Wide Flood, Flood, T2, T3 narrow, T4, T5 square medium, T5 round
Optical efficiency: LOR = 100% ULOR = 0%
LED quantity: 1, 12
Cutoff Angle: Cutoff, Semi Cutoff C = 0, 90° γ = 0, 47°
Luminous flux: 550-2500 lm
Luminous efficacy: 25-117 lm/W
BUG: B=0-2, U=0-1, G=0-1
Photobiological safety: RG0 - Exempt risk, RG1 - Low risk

ELECTRICAL CHARACTERISTICS

Luminaire power: 12.8-25.7 W
Voltage: 120V-277V~ 50/60Hz
Power factor: ≥0.99
Insulation class: UL
Control type - driver: 1-10V
Ambient temperature: -31 °F / +122 °F
Driver included: Yes
Cable type: 5GAWG18 SJTW
Cable length: 29.528 ft

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: 4.016 in
Height: 13.78 in
Weight: 6.61 lb
EPA: 2.26 ft²
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.
Tilt-adjustable joint.
Continuous adjustment with no fixed steps.
Secured by four M8 stainless steel set screws with locknuts.

WARNINGS

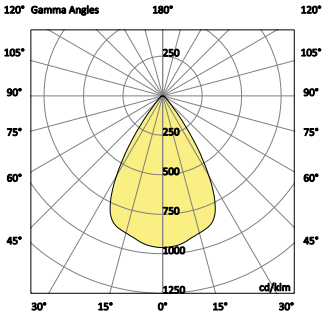
Luminaire designed for disposal/recycling at end-of-life.
Replaceable (LED only) light source by a professional.
Replaceable control gear by a professional.
Protection of surfaces: please refer to the specification on painting procedures of the materials.

Property of Neri S.p.A. - Reproduction and use for unauthorized purposes is prohibited.
Neri reserves the right to make changes to its products and documentation without prior notice.

NEBULA COMPACT S | LUMINAIRE

Optic: Wide Flood

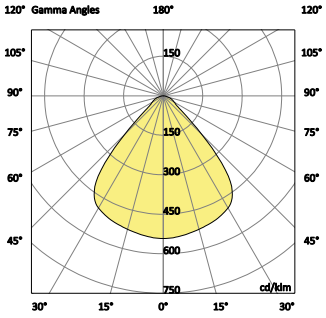
Lens: Transparent



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

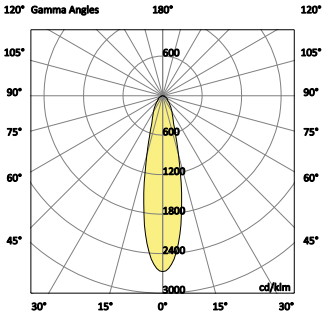
Lens: Transparent



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

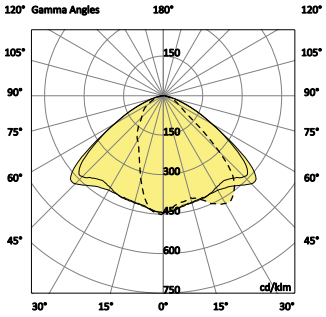
Lens: Transparent

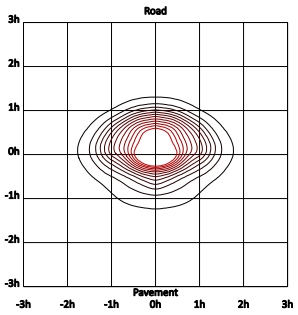


H [m]	D [m]	Emax [lx]
	24	
1	0.43	2672
2	0.85	668
3	1.28	297
4	1.7	167
5	2.13	107

Optic: T2

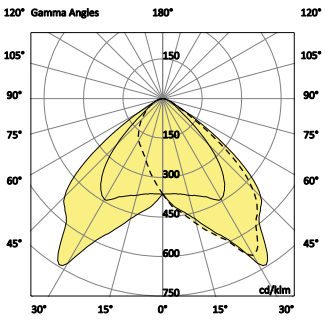
Lens: Prismatic

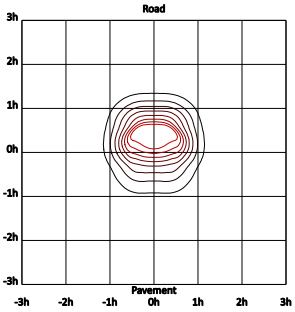




Optic: T4

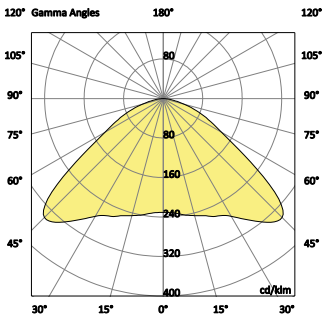
Lens: Prismatic

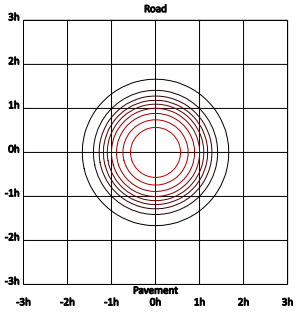




Optic: T5 round

Lens: Prismatic





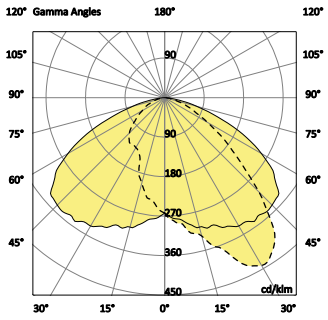
Property of Neri S.p.A. - Reproduction and use for unauthorized purposes is prohibited.
Neri reserves the right to make changes to its products and documentation without prior notice.

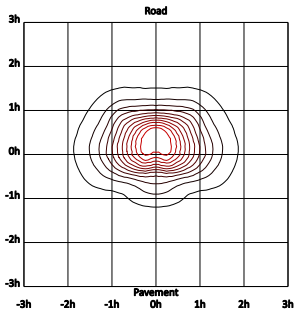
NEBULA COMPACT S | LUMINAIRE

Amber

Optic: T3 narrow

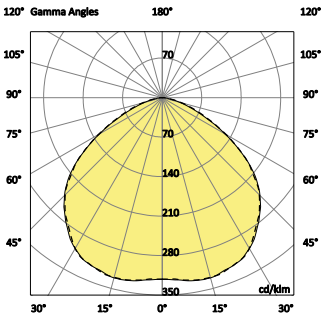
Lens: Prismatic

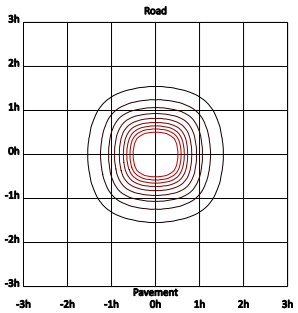




Optic: T5 square medium

Lens: Prismatic





Property of Neri S.p.A. - Reproduction and use for unauthorized purposes is prohibited.
Neri reserves the right to make changes to its products and documentation without prior notice.

NEBULA COMPACT S | LUMINAIRE

Optic: Wide Flood — **Lens:** Transparent

System					Source			BUG		
Luminous Flux	**Nominal CCT**	**W**	**lm/W**	**n° led**	**mA**	**W**	**lm/W**	**Backlight**	**Uplight**	**Glare**
1500 lm	2700 K	13.2	114	1	327	10.8	139	2	0	0
1500 lm	3000 K	12.9	116	1	320	10.5	143	2	0	0
1500 lm	4000 K	12.8	117	1	316	10.4	144	2	0	0
2500 lm	2700 K	24	104	1	616	20.9	120	2	0	0
2500 lm	3000 K	23.4	107	1	599	20.3	123	2	0	0
2500 lm	4000 K	23.1	108	1	591	20	125	2	0	0

Optic: Very Wide Flood — **Lens:** Transparent

System					Source			BUG		
Luminous Flux	**Nominal CCT**	**W**	**lm/W**	**n° led**	**mA**	**W**	**lm/W**	**Backlight**	**Uplight**	**Glare**
1500 lm	2700 K	13.2	114	1	327	10.8	139	1	0	0
1500 lm	3000 K	12.9	116	1	320	10.5	143	1	0	0
1500 lm	4000 K	12.8	117	1	316	10.4	144	1	0	0
2500 lm	2700 K	24	104	1	616	20.9	120	2	0	0
2500 lm	3000 K	23.4	107	1	599	20.3	123	2	0	0
2500 lm	4000 K	23.1	108	1	591	20	125	2	0	0

Optic: Flood — **Lens:** Transparent

System					Source			BUG		
Luminous Flux	**Nominal CCT**	**W**	**lm/W**	**n° led**	**mA**	**W**	**lm/W**	**Backlight**	**Uplight**	**Glare**
1500 lm	2700 K	13.2	114	1	327	10.8	139	1	0	0
1500 lm	3000 K	12.9	116	1	320	10.5	143	1	0	0
1500 lm	4000 K	12.8	117	1	316	10.4	144	1	0	0
2500 lm	2700 K	24	104	1	616	20.9	120	2	0	0
2500 lm	3000 K	23.4	107	1	599	20.3	123	2	0	0
2500 lm	4000 K	23.1	108	1	591	20	125	2	0	0

Optic: T2 — **Lens:** Prismatic

System					Source			BUG		
Luminous Flux	**Nominal CCT**	**W**	**lm/W**	**n° led**	**mA**	**W**	**lm/W**	**Backlight**	**Uplight**	**Glare**
1500 lm	2700 K	13.9	108	1	347	11.4	132	1	0	0
1500 lm	3000 K	13.7	109	1	339	11.2	134	1	0	0
1500 lm	4000 K	13.4	112	1	335	11	136	1	0	0
2500 lm	2700 K	25.7	97	1	660	22.5	111	1	0	1
2500 lm	3000 K	25.1	100	1	642	21.9	114	1	0	1
2500 lm	4000 K	24.6	102	1	633	21.5	116	1	0	1

Optic: T4 — **Lens:** Prismatic

System					Source			BUG		
Luminous Flux	**Nominal CCT**	**W**	**lm/W**	**n° led**	**mA**	**W**	**lm/W**	**Backlight**	**Uplight**	**Glare**
1500 lm	2700 K	13.9	108	1	347	11.4	132	1	0	0
1500 lm	3000 K	13.7	109	1	339	11.2	134	1	0	0
1500 lm	4000 K	13.4	112	1	335	11	136	1	0	0
2500 lm	2700 K	25.7	97	1	660	22.5	111	1	0	0
2500 lm	3000 K	25.1	100	1	642	21.9	114	1	0	0
2500 lm	4000 K	24.6	102	1	633	21.5	116	1	0	0

Property of Neri S.p.A. - Reproduction and use for unauthorized purposes is prohibited.
Neri reserves the right to make changes to its products and documentation without prior notice.

NEBULA COMPACT S | LUMINAIRE

Optic: T5 round

Lens: Prismatic

System					Source			BUG		
Luminous Flux	**Nominal CCT**	**W**	**lm/W**	**n° led**	**mA**	**W**	**lm/W**	**Backlight**	**Uplight**	**Glare**
1500 lm	2700 K	13.9	108	1	347	11.4	132	1	1	0
1500 lm	3000 K	13.7	109	1	339	11.2	134	1	1	0
1500 lm	4000 K	13.4	112	1	335	11	136	1	1	0
2500 lm	2700 K	25.7	97	1	660	22.5	111	1	1	1
2500 lm	3000 K	25.1	100	1	642	21.9	114	1	1	1
2500 lm	4000 K	24.6	102	1	633	21.5	116	1	1	1

Property of Neri S.p.A. - Reproduction and use for unauthorized purposes is prohibited.
Neri reserves the right to make changes to its products and documentation without prior notice.

NEBULA COMPACT S | LUMINAIRE

Amber

Optic: T3 narrow **Lens:** Prismatic

System					Source			BUG		
Luminous Flux	**Nominal CCT**	**W**	**lm/W**	**n° led**	**mA**	**W**	**lm/W**	**Backlight**	**Uplight**	**Glare**
550 lm	Amber	22.3	25	12	700	19.3	28	0	1	0

Optic: T5 square medium **Lens:** Prismatic

System					Source			BUG		
Luminous Flux	**Nominal CCT**	**W**	**lm/W**	**n° led**	**mA**	**W**	**lm/W**	**Backlight**	**Uplight**	**Glare**
550 lm	Amber	22.3	25	12	700	19.3	28	0	0	0

Property of Neri S.p.A. - Reproduction and use for unauthorized purposes is prohibited.
Neri reserves the right to make changes to its products and documentation without prior notice.