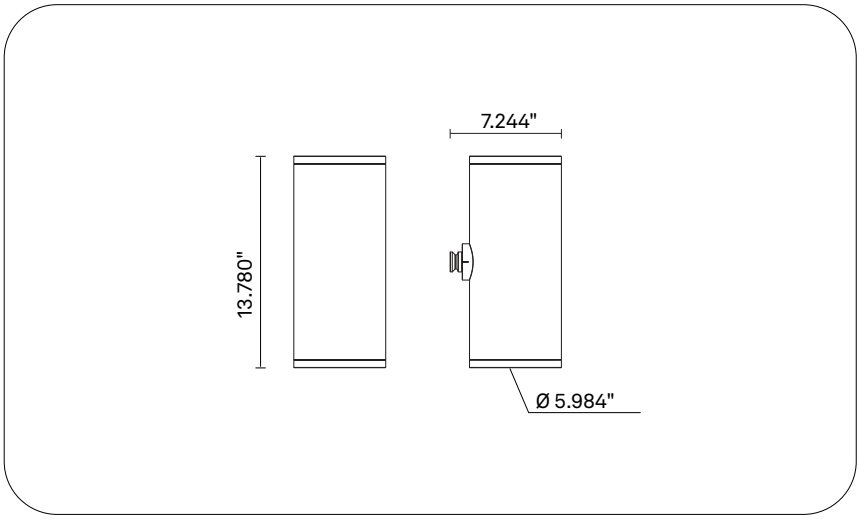
NERI

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

NEBULA COMPACT L | LUMINAIRE





IP66 IK08 cULus

ORDERING INFORMATION / GUIDE

Example**: LUNEBL1-U-D02-827-L025-SP-V0-F49-MU-CN0**

OPTICS	RA+K	LUMINOUS FLUX	LENS	VOLTAGE	DRIVER FUNCTION	ISO CLASS	FINISH
D67 Wide Flood	**827** Ra80 2700 K	**L011** 1100 lm	**ST** Transparent	**V0** 120V-277V	**F49** 1-10V	**MU** UL	**CN0** Grey [Neri] Textured
D66 Flood	**830** Ra80 3000 K	**L025** 2500 lm	**SP** Prismatic				
D02 T2	**840** Ra80 4000 K	**L035** 3500 lm					
D22 T3 narrow	**XAM** Amber	**L045** 4500 lm					
D10 T4		**L060** 6000 lm					
D30 T5 square medium							
D65 T5 round							

Generated code: **LUNEBL1 - 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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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: 1100-6000 lm
Nominal CCT (Color temperature): 2700 K, 3000 K, 4000 K, Amber
Color Rendering Index (Ra): 80
Standard Deviation Colour Matching: ≤3
Rated lifetime: L80 = 75000 h (Ts = 105 °C, 2200 mA), L80 = 60000 h (Ts = 105 °C, 700 mA)

LIGHTING CHARACTERISTICS

Single silicone lens.

Optics: Wide Flood, Flood, T2, T3 narrow, T4, T5 square medium, T5 round
Optical efficiency: LOR = 100% ULOR = 0%
LED quantity: 1, 24
Cutoff Angle: Cutoff, Semi Cutoff C = 0, 90° γ = 0, 54°
Luminous flux: 1100-6000 lm
Luminous efficacy: 24-123 lm/W
BUG: B=0-3, U=0, G=0-1
Photobiological safety: RG0 - Exempt risk, RG1 - Low risk

ELECTRICAL CHARACTERISTICS

Luminaire power: 20.3-55.8 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: 5.984 in
Height: 13.78 in
Weight: 9.92 lb
EPA: 2.8 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.

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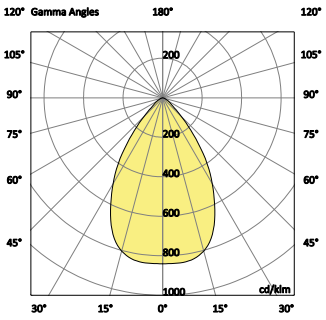
NEBULA COMPACT L | LUMINAIRE

Optic: Wide Flood

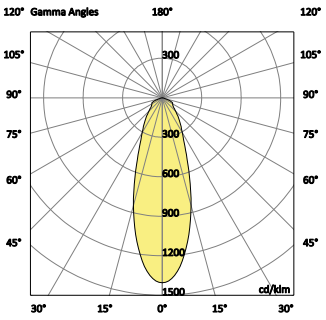
Lens: Transparent



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

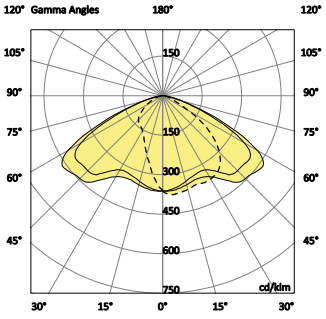
Lens: Transparent

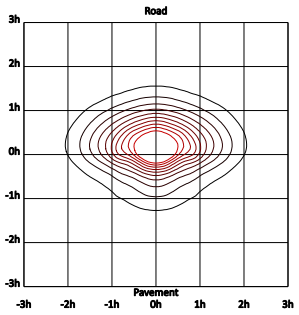


H [m]	D [m]	Emax [lx]
	35	
2	1.26	351
4	2.52	88
6	3.78	39
8	5.04	22
10	6.31	14

Optic: T2

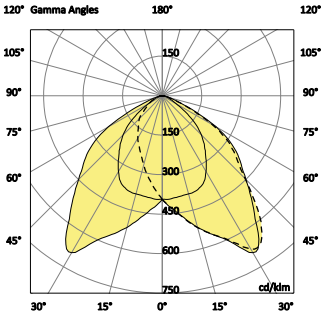
Lens: Prismatic

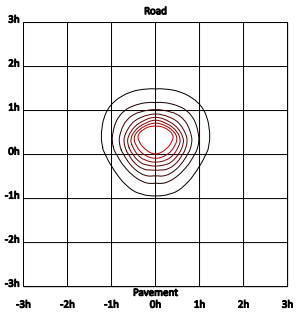




Optic: T4

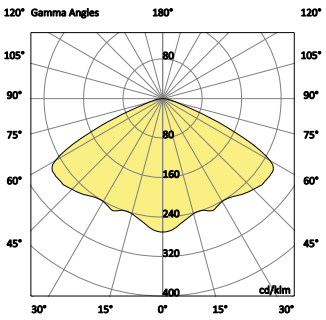
Lens: Prismatic

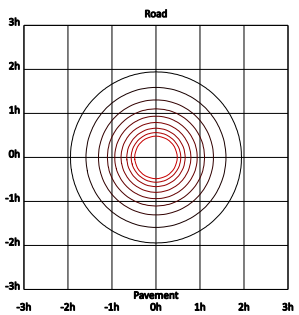




Optic: T5 round

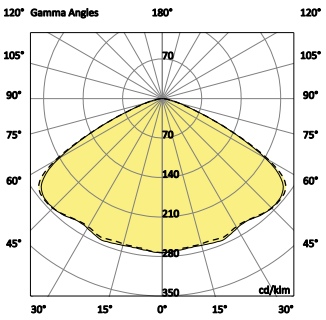
Lens: Transparent

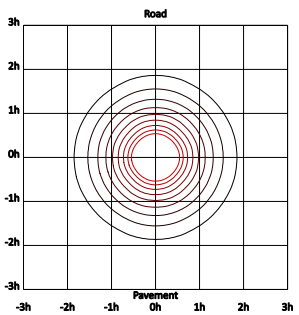




Optic: T5 round

Lens: Prismatic





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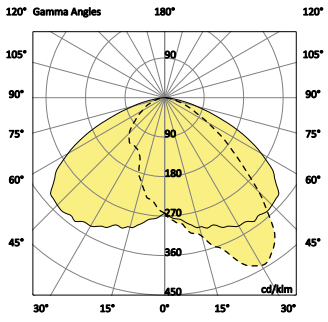
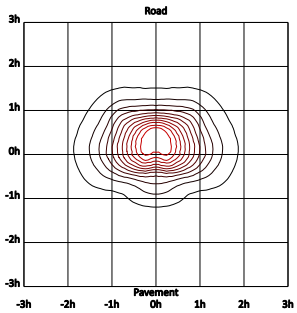
NEBULA COMPACT L | LUMINAIRE

Amber

Optic: T3 narrow

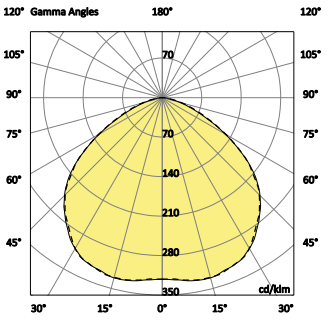
Lens: Prismatic

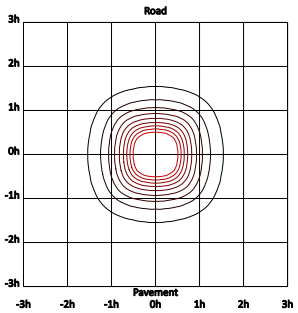




Optic: T5 square medium

Lens: Prismatic





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NEBULA COMPACT L | 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**
2500 lm	2700 K	21.9	114	1	368	17.7	141	2	0	0
2500 lm	3000 K	20.9	120	1	352	16.9	148	2	0	0
2500 lm	4000 K	20.3	123	1	343	16.4	152	2	0	0
3500 lm	2700 K	30.9	113	1	524	25.4	138	3	0	0
3500 lm	3000 K	29.6	118	1	501	24.3	144	3	0	0
3500 lm	4000 K	28.8	122	1	488	23.6	148	3	0	0
4500 lm	2700 K	40.6	111	1	691	33.9	133	3	0	0
4500 lm	3000 K	38.8	116	1	659	32.3	139	3	0	0
4500 lm	4000 K	37.6	120	1	641	31.3	144	3	0	0
6000 lm	2700 K	55.8	108	1	960	47.7	126	3	0	0
6000 lm	3000 K	53.2	113	1	914	45.3	132	3	0	0
6000 lm	4000 K	51.6	116	1	888	43.9	137	3	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**
2500 lm	2700 K	21.9	114	1	368	17.7	141	2	0	0
2500 lm	3000 K	20.9	120	1	352	16.9	148	2	0	0
2500 lm	4000 K	20.3	123	1	343	16.4	152	2	0	0
3500 lm	2700 K	30.9	113	1	524	25.4	138	2	0	0
3500 lm	3000 K	29.6	118	1	501	24.3	144	2	0	0
3500 lm	4000 K	28.8	122	1	488	23.6	148	2	0	0
4500 lm	2700 K	40.6	111	1	691	33.9	133	3	0	0
4500 lm	3000 K	38.8	116	1	659	32.3	139	3	0	0
4500 lm	4000 K	37.6	120	1	641	31.3	144	3	0	0
6000 lm	2700 K	55.8	108	1	960	47.7	126	3	0	0
6000 lm	3000 K	53.2	113	1	914	45.3	132	3	0	0
6000 lm	4000 K	51.6	116	1	888	43.9	137	3	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**
2500 lm	2700 K	21.9	114	1	368	17.7	141	1	0	1
2500 lm	3000 K	20.9	120	1	352	16.9	148	1	0	1
2500 lm	4000 K	20.3	123	1	343	16.4	152	1	0	1
3500 lm	2700 K	30.9	113	1	524	25.4	138	1	0	1
3500 lm	3000 K	29.6	118	1	501	24.3	144	1	0	1
3500 lm	4000 K	28.8	122	1	488	23.6	148	1	0	1
4500 lm	2700 K	40.6	111	1	691	33.9	133	1	0	1
4500 lm	3000 K	38.8	116	1	659	32.3	139	1	0	1
4500 lm	4000 K	37.6	120	1	641	31.3	144	1	0	1
6000 lm	2700 K	55.8	108	1	960	47.7	126	2	0	1
6000 lm	3000 K	53.2	113	1	914	45.3	132	2	0	1
6000 lm	4000 K	51.6	116	1	888	43.9	137	2	0	1

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NEBULA COMPACT L | LUMINAIRE

Optic: T4 — **Lens:** Prismatic

System					Source			BUG		
Luminous Flux	Nominal CCT	W	lm/W	n° led	mA	W	lm/W	Backlight	Uplight	Glare
2500 lm	2700 K	21.9	114	1	368	17.7	141	1	0	0
2500 lm	3000 K	20.9	120	1	352	16.9	148	1	0	0
2500 lm	4000 K	20.3	123	1	343	16.4	152	1	0	0
3500 lm	2700 K	30.9	113	1	524	25.4	138	1	0	0
3500 lm	3000 K	29.6	118	1	501	24.3	144	1	0	0
3500 lm	4000 K	28.8	122	1	488	23.6	148	1	0	0
4500 lm	2700 K	40.6	111	1	691	33.9	133	2	0	1
4500 lm	3000 K	38.8	116	1	659	32.3	139	2	0	1
4500 lm	4000 K	37.6	120	1	641	31.3	144	2	0	1
6000 lm	2700 K	55.8	108	1	960	47.7	126	2	0	1
6000 lm	3000 K	53.2	113	1	914	45.3	132	2	0	1
6000 lm	4000 K	51.6	116	1	888	43.9	137	2	0	1

Optic: T5 round — **Lens:** Transparent

System					Source			BUG		
Luminous Flux	Nominal CCT	W	lm/W	n° led	mA	W	lm/W	Backlight	Uplight	Glare
2500 lm	2700 K	21.9	114	1	368	17.7	141	1	0	0
2500 lm	3000 K	20.9	120	1	352	16.9	148	1	0	0
2500 lm	4000 K	20.3	123	1	343	16.4	152	1	0	0
3500 lm	2700 K	30.9	113	1	524	25.4	138	2	0	1
3500 lm	3000 K	29.6	118	1	501	24.3	144	2	0	1
3500 lm	4000 K	28.8	122	1	488	23.6	148	2	0	1
4500 lm	2700 K	40.6	111	1	691	33.9	133	2	0	1
4500 lm	3000 K	38.8	116	1	659	32.3	139	2	0	1
4500 lm	4000 K	37.6	120	1	641	31.3	144	2	0	1
6000 lm	2700 K	55.8	108	1	960	47.7	126	2	0	1
6000 lm	3000 K	53.2	113	1	914	45.3	132	2	0	1
6000 lm	4000 K	51.6	116	1	888	43.9	137	2	0	1

Optic: T5 round — **Lens:** Prismatic

System					Source			BUG		
Luminous Flux	Nominal CCT	W	lm/W	n° led	mA	W	lm/W	Backlight	Uplight	Glare
2500 lm	2700 K	21.9	114	1	368	17.7	141	1	0	0
2500 lm	3000 K	20.9	120	1	352	16.9	148	1	0	0
2500 lm	4000 K	20.3	123	1	343	16.4	152	1	0	0
3500 lm	2700 K	30.9	113	1	524	25.4	138	2	0	0
3500 lm	3000 K	29.6	118	1	501	24.3	144	2	0	0
3500 lm	4000 K	28.8	122	1	488	23.6	148	2	0	0
4500 lm	2700 K	40.6	111	1	691	33.9	133	2	0	1
4500 lm	3000 K	38.8	116	1	659	32.3	139	2	0	1
4500 lm	4000 K	37.6	120	1	641	31.3	144	2	0	1
6000 lm	2700 K	55.8	108	1	960	47.7	126	2	0	1
6000 lm	3000 K	53.2	113	1	914	45.3	132	2	0	1
6000 lm	4000 K	51.6	116	1	888	43.9	137	2	0	1

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NEBULA COMPACT L | 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**
1100 lm	Amber	45.8	24	24	700	38.6	28	0	0	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**
1100 lm	Amber	45.8	24	24	700	38.6	28	1	0	0

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