

DESCRIPTION

Compliance



- ENEC safety mark.
- In compliance with EN 60598-1; EN 60598-2-3; EN 62031; EN 55015 EMC; EN 61547 EMC; EN 61000-3-2/3; IEC/TR 62778.

Dimensions

Height	Width	Length	Weight	IP	IK	Area (S)
900 mm	155 mm	155 mm	12 Kg	66	08	0.14 m ²

Electrical characteristics

Voltage	Frequency	Cos φ	Insulation class	Operative Temp.
220-240V	50/60Hz	> 0.9	CL II	-35°C/+35°C

- Insulation Class I on demand.

Fixing

- Bracket with a tilting system (step 0° / $\pm 30^\circ$ / $\pm 45^\circ$).
- Central frame with a tilting system of $\pm 45^\circ$.
- Fixing by two headless screws M6 lock nuts with stainless steel.

Materials

- Extruded aluminium.
- Galvanized steel.
- Extra clear transparent or prismatic tempered flat glass.
- Stainless or burnished steel fasteners.
- Silicone gaskets.

Structure – Main components

- External frame in extruded aluminium.
- Shield in extra-clear transparent or prismatic tempered glass with impact resistance IK 08 (EN 62262).
- Integrated heat sink in aluminium.
- Central cover in aluminium sheet to access the tilting adjustment dedicated compartment.
- Osmotic valve to balance internal/external pressure.

Electrical features

- Electronic power supply with protection against short circuits, overheating and power surges.
- Input power cable with PG13.5 cable gland (\varnothing 6 - 12 mm).
- Standard surge protection for differential/common mode 10kV/10kV (CL I, CL II).

Operations and maintenance

- Please refer to the installation and maintenance manual of the product.
- It is responsibility of the installer the correct installation and electric connection in accordance with applicable regulations.

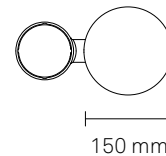
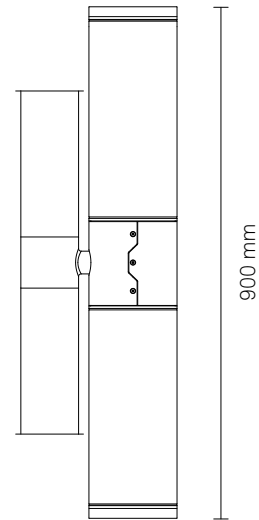
Finish

- Neri grey
- Pure white
- White aluminum
- Grey aluminum
- Jet black
- Moss green
- Information about paint steps used on this product in specific technical sheet.

Accessories

- Glare shield available in 30° and 45° versions (Cod. 9515.145.017 - 30°; Cod. 9515.145.018 - 45°).
- Refractor screen (Linear diffusion).

DRAWINGS



NERI

Nebula L

NEBULA L - ST

Prismatic flat glass - COB LED

Lighting distribution	Screen	LOR	ULOR
Type II	Prismatic	100%	0%
Type IV	Prismatic	100%	0%
Type V	Prismatic	100%	0%

- LOR: optical efficiency appliance due to the physical shielding.
- Single lens, silicone.

LUMINOUS FLUX

Colour Temperature		2.700K				
System*		LED module				
lm tot	W tot	lm/W	n LED	mA	W	
5,500	52.2	105	1	917	46.3	
4,500	42.1	107	1	732	36.5	
3,500	32.5	108	1	557	27.4	
2,500	23.2	108	1	390	19.0	

Colour Temperature		3.000K				
System*		LED module				
lm tot	W tot	lm/W	n LED	mA	W	
5,500	49.3	112	1	864	43.5	
4,500	39.8	113	1	691	34.4	
3,500	30.8	114	1	526	25.8	
2,500	22.1	113	1	370	17.9	

Colour Temperature		4.000K				
System*		LED module				
lm tot	W tot	lm/W	n LED	mA	W	
6,000	52.1	115	1	915	46.3	
4,500	38.4	117	1	664	33.0	
3,500	29.7	118	1	506	24.8	
2,500	21.3	111	1	356	17.2	

* The energy values in the table refer to LED module + driver.
- LED type: COB CREE CMU 2287.
- Life time specification for gradual light output degradation (EN 62722-2-1, LM80 data) 75.000h L80B10 (Tq = 25°C).
- Colour Rendering Index: CRI > 80.
- Photobiological risk (IEC/TR 62778): class RG1 to class RG2 at 3.0m from source.
- Photobiological risk (EN62471): class RG0 at 4m from source.

DRIVER FUNCTIONS

ON-OFF

NVL + PRIORITY DALI

Version: ST

Screen: Prismatic

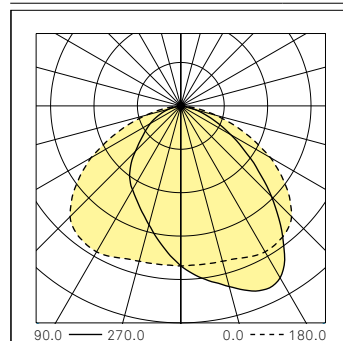
Technical sheet

Rev.02 - 2023/11/20

POLAR DIAGRAMS

TYPE II

Luminous intensity class G*6



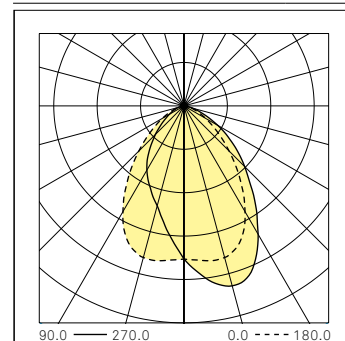
CIE flux code

N.1	N.2	N.3	N.4	N.5
50	83	97	100	100



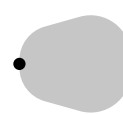
TYPE IV

Luminous intensity class G*6



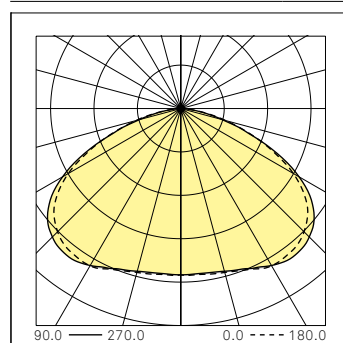
CIE flux code

N.1	N.2	N.3	N.4	N.5
63	90	98	100	100



TYPE V

Luminous intensity class G*6



CIE flux code

N.1	N.2	N.3	N.4	N.5
38	75	96	100	100



NEBULA L - PR

Transparent flat glass - COB LED

Lighting distribution	Screen	LOR	ULOR
10° Very narrow spot	Transparent	100%	0%
20° Narrow spot	Transparent	100%	0%
35° Medium narrow spot	Transparent	100%	0%
70° Medium wide flood	Transparent	100%	0%

- LOR: optical efficiency appliance due to the physical shielding.
- Single lens, silicone.

LUMINOUS FLUX

Colour Temperature		2.700K			
System*		LED module			
lm tot	W tot	lm/W	n LED	mA	W
6,000	51.9	116	1	912	46.1
4,500	38.3	118	1	662	32.9
3,500	29.6	118	1	505	24.7
2,500	21.3	118	1	355	17.2

Colour Temperature		3.000K			
System*		LED module			
lm tot	W tot	lm/W	n LED	mA	W
6,000	49.0	122	1	859	43.3
4,500	36.3	124	1	625	30.9
3,500	28.1	124	1	477	23.3
2,500	20.2	124	1	337	16.3

Colour Temperature		4.000K			
System*		LED module			
lm tot	W tot	lm/W	n LED	mA	W
6,000	47.2	127	1	825	41.5
4,500	34.9	129	1	601	29.7
3,500	27.1	129	1	460	22.4
2,500	19.5	128	1	324	15.7

* The energy values in the table refer to LED module + driver.

- LED type: COB CREE CMU 2287.
- Internal heat sink in cast aluminium.
- Life time specification for gradual light output degradation (EN 62722-2-1, LM80 data) 75.000h L80B10 (Tq = 25°C).
- Colour Rendering Index: CRI > 80.
- Photobiological risk (IEC/TR 62778): class RG1 to class RG2 at 8m from source.
- Photobiological risk (EN62471): class RG0 at 10m from source.

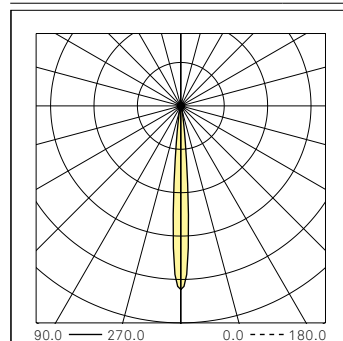
DRIVER FUNCTIONS

ON-OFF

NVL + PRIORITY DALI

POLAR DIAGRAMS**10° Very narrow spot**

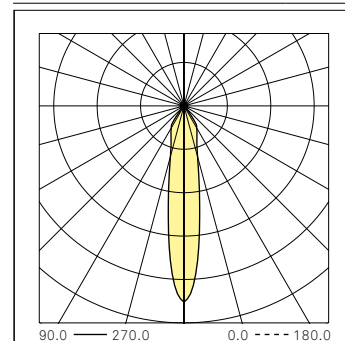
Luminous intensity class G*6

**CIE flux code**

N.1	N.2	N.3	N.4	N.5
99	99	100	100	98

20° Narrow spot

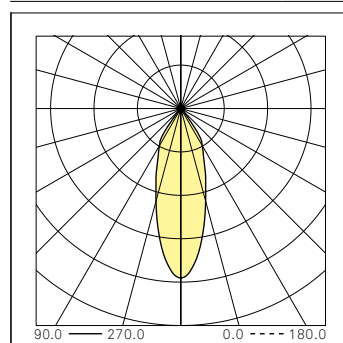
Luminous intensity class G*6

**CIE flux code**

N.1	N.2	N.3	N.4	N.5
96	99	100	100	100

35° Medium narrow spot

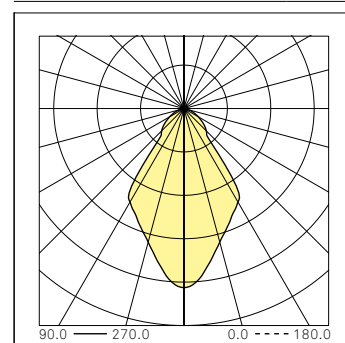
Luminous intensity class G*6

**CIE flux code**

N.1	N.2	N.3	N.4	N.5
95	99	100	100	100

70° Medium wide flood

Luminous intensity class G*6

**CIE flux code**

N.1	N.2	N.3	N.4	N.5
74	92	99	100	100

NEBULA L - RGBW

Transparent flat glass - High Power LED

Lighting distribution	Screen	LOR	ULOR
15° Very narrow spot	Transparent	100%	0%
25° Narrow spot	Transparent	100%	0%
35° Medium narrow spot	Transparent	100%	0%

- LOR: optical efficiency appliance due to the physical shielding.
- Refractive lens in PMMA.

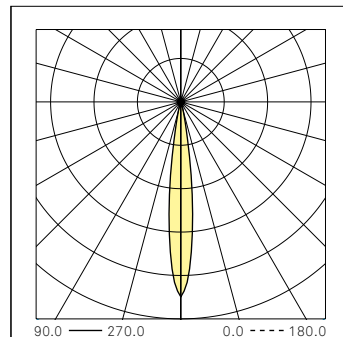
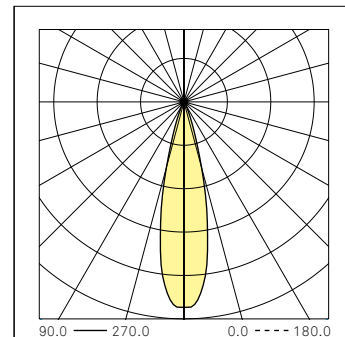
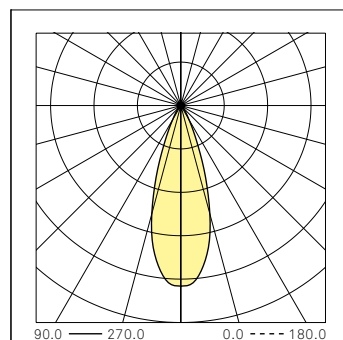
LUMINOUS FLUX

		RGBW			
System*		LED module			
Colour	lm tot	λ (nm)	n LED	mA	W
Red	550 (R)	623	6	500	7.0
Green	390 (G)	517	6	500	9.0
Blu	133 (B)	455	6	500	9.0
White	750 (W)	warm	6	500	9.0

* The energy values in the table refer to LED module.

- LED type: Cree XM-L Color.

- Life time specification for gradual light output degradation (EN 62722-2-1, LM80 data) 91,000 h L80B10 (Tq=25°C).

DRIVER FUNCTIONS**DMX****POLAR DIAGRAMS****15° Very narrow spot****25° Narrow spot****35° Medium narrow spot**

NEBULA L - A

Prismatic flat glass - High Power LED

Lighting distribution	Screen	LOR	ULOR
Type II	Prismatic	100%	0%
Type V	Prismatic	100%	0%
- LOR: optical efficiency appliance due to the physical shielding. - Refractive lens in PMMA.			

LUMINOUS FLUX

			Amber		
System*			LED module		
Colour	lm tot	λ (nm)	n LED	mA	W
Amber	700	598	24	700	35.0

* The energy values in the table refer to LED module+ driver.

- LED type: Cree XB-D Color.

- Life time specification for gradual light output degradation (EN 62722-2-1, LM80 data) 60.000h L80B10 (Tq = 25°C).

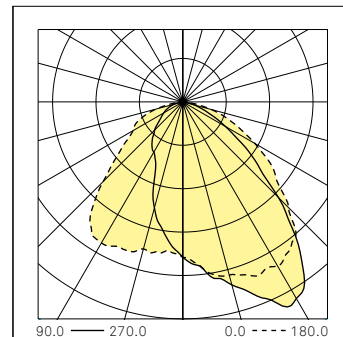
DRIVER FUNCTIONS

ON-OFF

NVL + PRIORITY DALI

POLAR DIAGRAMS

Type II



Type V

