

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)
460 mm	156 mm	156 mm	5 Kg	66	08	0.07 m ²

Electrical characteristics

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

- Insulation Class I on demand.

Fixing

- Fixing on the ground.
- Hole spacing 90 mm (Ø9 mm).
- Tube fixed to the base by means of three M4 grains.

Materials

- Extruded aluminium.
- Galvanized steel.
- Polycarbonate.
- Stainless or burnished steel fasteners.

Structure – Main components

- External frame and body in extruded aluminum.
- Polycarbonate protection screen.
- Integrated heat sink in aluminium.
- Osmotic valve to balance internal/external pressure.

Electrical features

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

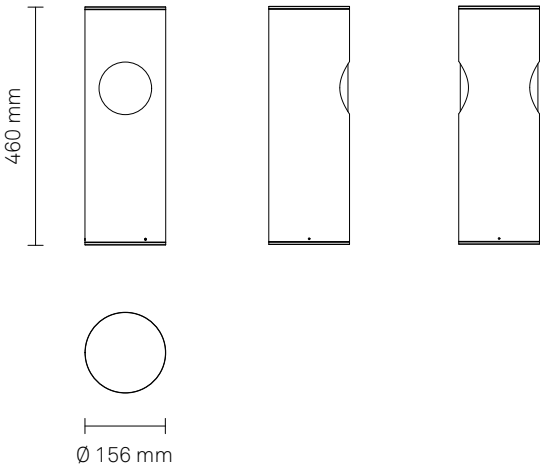
Operations and maintenance

- 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

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

DRAWINGS



NEBULA PATHLIGHT - PR

COB LED

Lighting distribution	Screen	LOR
65° Medium wide flood	PC	100%

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

LUMINOUS FLUX

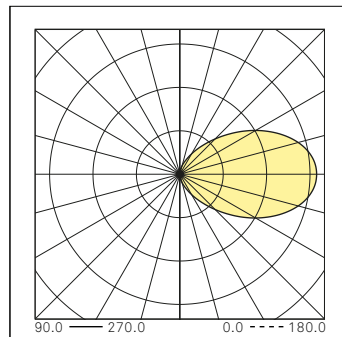
Colour Temperature			2.700K		
System*			Modulo LED		
lm tot	W tot	lm/W	n LED	mA	W
500	17.3	29	1	283	13.6

Colour Temperature			3.000K		
System*			Modulo LED		
lm tot	W tot	lm/W	n LED	mA	W
500	16.5	30	1	269	12.9

Colour Temperature			4.000K		
System*			Modulo LED		
lm tot	W tot	lm/W	n LED	mA	W
500	16.0	31	1	259	12.5

* 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 = 50°C).
- Colour Rendering Index: CRI > 80.
- Photobiological risk (IEC/TR 62778): class RG1 to class RG2 at 1m from source.
- Photobiological risk (EN62471): class RG0 at 1 m.

POLAR DIAGRAMS**65° Medium wide flood****DRIVER FUNCTIONS**

ON-OFF

NVL + PRIORITY DALI

NEBULA PATHLIGHT - PR
COB LED

Lighting distribution	Screen	LOR
65° Medium wide flood	PC	100%

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- Single lens, silicone.

LUMINOUS FLUX

Colour Temperature	2.700K
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System*	LED module
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lm tot	W tot	lm/W	n LED	mA	W
1,000	40.0	25	2	470	34.0

Colour Temperature	3.000K
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System*	LED module
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lm tot	W tot	lm/W	n LED	mA	W
1,000	38.0	26	2	445	32.0

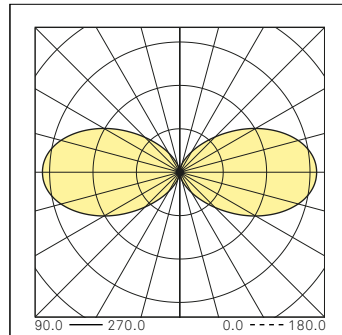
Colour Temperature	4.000K
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System*	LED module
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lm tot	W tot	lm/W	n LED	mA	W
1,000	40.0	25	2	470	34.0

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POLAR DIAGRAMS**65° Medium wide flood****DRIVER FUNCTIONS****ON-OFF****NVL + PRIORITY DALI**

NEBULA PATHLIGHT - RGBW

High Power LED

Lighting distribution	Screen	LOR
65° Medium wide flood	PC	100%
-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	70 (R)	623	3	700	13.0
Green	115 (G)	517	3	700	13.0
Blu	22 (B)	455	3	700	13.0
White	100 (W)	warm	3	700	13.0

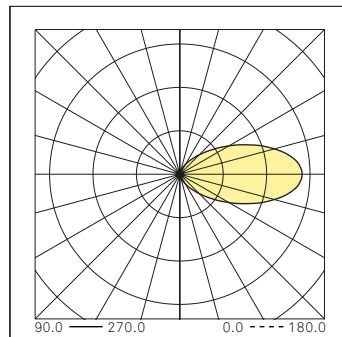
* The energy values in the table refer to LED module.

- LED type: Cree XM-L Color.

- Life time specification for gradual light output degradation (EN 62722-2-1, LM80 data) 91.000h L90B10 (Tq = 25°C).

DRIVER FUNCTIONS

DMX

POLAR DIAGRAMS**60°Medium wide flood**

NEBULA PATHLIGHT - RGBW

High Power LED

Lighting distribution	Screen	LOR
65° Medium wide flood	PC	100%
-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	140 (R)	623	3	700	26.0
Green	230 (G)	517	3	700	26.0
Blu	44 (B)	455	3	700	26.0
White	200 (W)	warm	3	700	26.0

* 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) 91.000h L90B10 (Tq = 25°C).

DRIVER FUNCTIONS

DMX

POLAR DIAGRAMS**65° Medium wide flood**