

DESCRIPTION

Compliance



- ENEC safety mark.
- n 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/+25°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.
- Input power cable with PG13.5 cable gland (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:

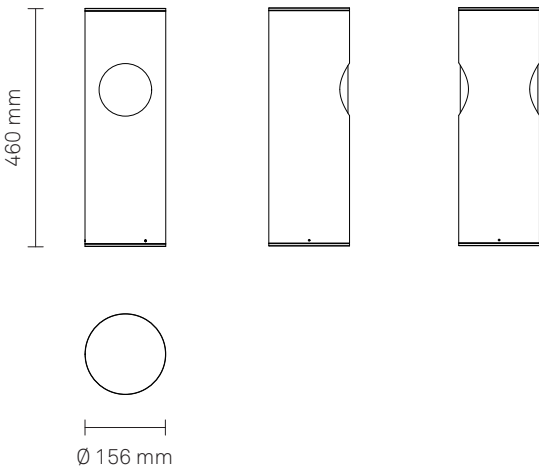
- Neri grey
- Pure white
- White aluminum
- Grey aluminum
- Jet black

Anodising:

- Silver anodising
- Gold anodising
- Bronze anodising
- Brown anodising
- Black anodising

- 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*			LED module		
lm tot	W tot	lm/W	n LED	mA	W
500	20.0	25	1	470	17.0

Colour Temperature			3,000K		
System*			LED module		
lm tot	W tot	lm/W	n LED	mA	W
500	19.0	26	1	445	16.0

Colour Temperature			3,500K		
System*			LED module		
lm tot	W tot	lm/W	n LED	mA	W
500	28.0	18	1	685	24.0

Colour Temperature			4,000K		
System*			LED module		
lm tot	W tot	lm/W	n LED	mA	W
500	20.0	25	1	470	17.0

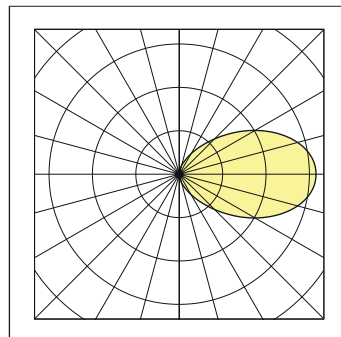
* The energy values in the table refer to LED module + driver.

- LED type: Lumileds Luxeon COB 1211.
- Life time specification for gradual light output degradation (EN 62722-2-1, LM80 data) 70,000 h L80B10 (Tq=25°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.

DRIVER FUNCTIONS

1-10V (Analogic control)

DALI (Digital control)

POLAR DIAGRAMS**65° Medium wide flood**

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*			LED module		
lm tot	W tot	lm/W	n LED	mA	W
1,000	40.0	25	2	470	34.0

Colour Temperature			3,000K		
System*			LED module		
lm tot	W tot	lm/W	n LED	mA	W
1,000	38.0	26	2	445	32.0

Colour Temperature			3,500K		
System*			LED module		
lm tot	W tot	lm/W	n LED	mA	W
1,000	56.0	18	2	685	48.0

Colour Temperature			4,000K		
System*			LED module		
lm tot	W tot	lm/W	n LED	mA	W
1,000	40.0	25	2	470	34.0

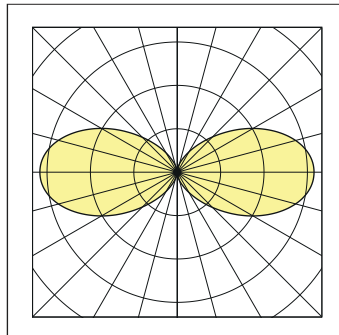
* The energy values in the table refer to LED module + driver.

- LED type: Lumileds Luxeon COB 1211.
- Life time specification for gradual light output degradation (EN 62722-2-1, LM80 data) 70,000 h L80B10 (Tq=25°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.

DRIVER FUNCTIONS

1-10V (Analogic control)

DALI (Digital control)

POLAR DIAGRAMS**65° 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.

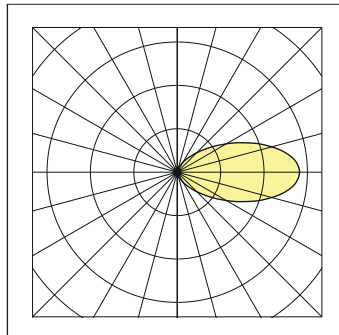
LUMINOUS FLUX

System*			RGBW		
			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) 91,000 h 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.

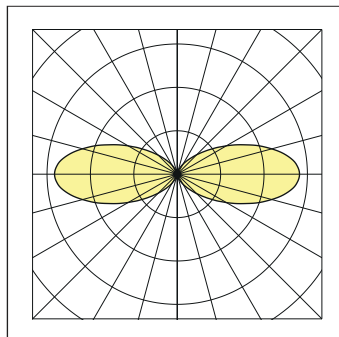
LUMINOUS FLUX

			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) 91,000 h L90B10 (Tq=25°C).

DRIVER FUNCTIONS**DMX****POLAR DIAGRAMS****60°Medium wide flood**

NERI

Nebula Pathlight

Fixing: on ground

Light source
configuration form

NEBULA PATHLIGHT

Nebula Pathlight luminaire head consists of one source.

NEBULA PATHLIGHT CONFIGURATION

LIGHT SOURCE ONE

LIGHT SOURCE CONFIGURATION # _____

☐ NEBULA PATHLIGHT - PR

Optic system	CCT	Lumen output	Driver function	Screen shape
<input type="checkbox"/> 65° Medium wide flood	<input type="checkbox"/> 2,700K	<input type="checkbox"/> 500 lm	<input type="checkbox"/> 1-10V	PC
	<input type="checkbox"/> 3,000K		<input type="checkbox"/> DALI	
	<input type="checkbox"/> 3,500K			
	<input type="checkbox"/> 4,000K			

☐ NEBULA PATHLIGHT - RGBW

Optic system	CCT	Lumen output	Driver function	Screen shape
<input type="checkbox"/> 60° Medium wide flood	<input type="checkbox"/> RGBW	70 lm (R)	<input type="checkbox"/> DMX	PC
		115 lm (G)		
		22 lm (B)		
		100 lm (W)		

☐ NEBULA PATHLIGHT - FINISH

Powder coating	Anodising
<input type="checkbox"/> Neri grey	<input type="checkbox"/> Silver anodising
<input type="checkbox"/> Pure white	<input type="checkbox"/> Gold anodising
<input type="checkbox"/> White aluminium	<input type="checkbox"/> Bronze anodising
<input type="checkbox"/> Grey aluminium	<input type="checkbox"/> Brown anodising
<input type="checkbox"/> Jet black	<input type="checkbox"/> Black anodising
<input type="checkbox"/> Moss green	



NERI

Nebula Pathlight

Fixing: on ground

Light source
configuration form

NEBULA PATHLIGHT

Nebula Pathlight luminaire head consists of two sources.

NEBULA PATHLIGHT CONFIGURATION

TWO LIGHT SOURCES

LIGHT SOURCE CONFIGURATION

☐ NEBULA PATHLIGHT - PR

Optic system	CCT	Lumen output	Driver function	Screen shape
<input type="checkbox"/> 65° Medium wide flood	<input type="checkbox"/> 2,700K	<input type="checkbox"/> 1000 lm	<input type="checkbox"/> 1-10V	PC
	<input type="checkbox"/> 3,000K		<input type="checkbox"/> DALI	
	<input type="checkbox"/> 3,500K			
	<input type="checkbox"/> 4,000K			

☐ NEBULA PATHLIGHT - RGBW

Optic system	CCT	Lumen output	Driver function	Screen shape
<input type="checkbox"/> 60° Medium wide flood	<input type="checkbox"/> RGBW	140 lm (R)	<input type="checkbox"/> DMX	PC
		230 lm (G)		
		44 lm (B)		
		200 lm (W)		

☐ NEBULA PATHLIGHT - FINISH

Powder coating	Anodising
<input type="checkbox"/> Neri grey	<input type="checkbox"/> Silver anodising
<input type="checkbox"/> Pure white	<input type="checkbox"/> Gold anodising
<input type="checkbox"/> White aluminium	<input type="checkbox"/> Bronze anodising
<input type="checkbox"/> Grey aluminium	<input type="checkbox"/> Brown anodising
<input type="checkbox"/> Jet black	<input type="checkbox"/> Black anodising
<input type="checkbox"/> Moss green	

1



NERI

Nebula Pathlight

Fixing: on ground

Light source
configuration form

NEBULA PATHLIGHT

Nebula Pathlight luminaire head consists of two sources.

NEBULA PATHLIGHT CONFIGURATION

LIGHT SOURCE TWO

LIGHT SOURCE CONFIGURATION

☐ NEBULA PATHLIGHT - PR

Optic system	CCT	Lumen output	Driver function	Screen shape
<input type="checkbox"/> 65° Medium wide flood	<input type="checkbox"/> 2,700K	<input type="checkbox"/> 1000 lm	<input type="checkbox"/> 1-10V	PC
	<input type="checkbox"/> 3,000K		<input type="checkbox"/> DALI	
	<input type="checkbox"/> 3,500K			
	<input type="checkbox"/> 4,000K			

☐ NEBULA PATHLIGHT - RGBW

Optic system	CCT	Lumen output	Driver function	Screen shape
<input type="checkbox"/> 60° Medium wide flood	<input type="checkbox"/> RGBW	140 lm (R)	<input type="checkbox"/> DMX	PC
		230 lm (G)		
		44 lm (B)		
		200 lm (W)		

☐ NEBULA PATHLIGHT - FINISH

Powder coating	Anodising
<input type="checkbox"/> Neri grey	<input type="checkbox"/> Silver anodising
<input type="checkbox"/> Pure white	<input type="checkbox"/> Gold anodising
<input type="checkbox"/> White aluminium	<input type="checkbox"/> Bronze anodising
<input type="checkbox"/> Grey aluminium	<input type="checkbox"/> Brown anodising
<input type="checkbox"/> Jet black	<input type="checkbox"/> Black anodising
<input type="checkbox"/> Moss green	

