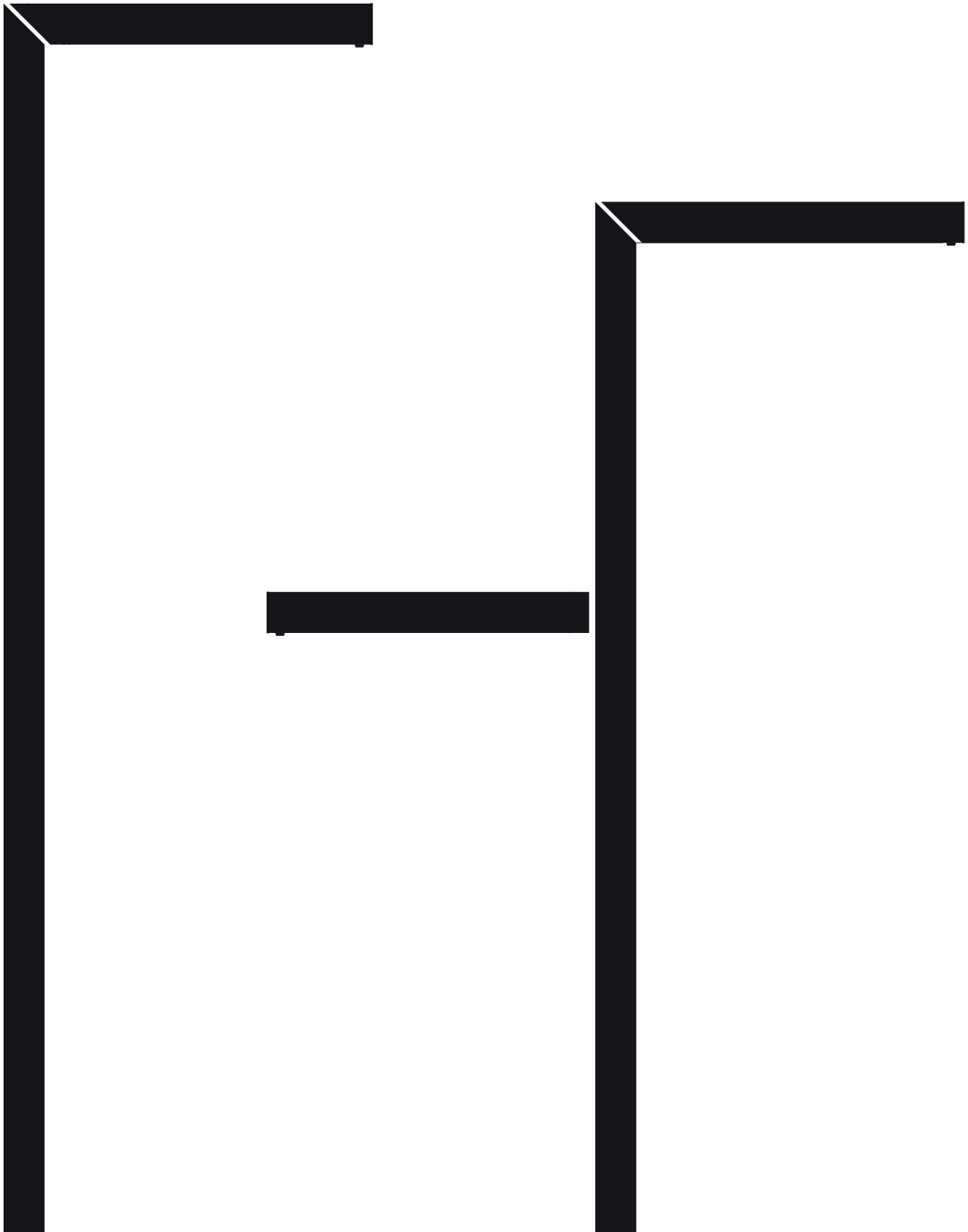
NERI

Pictor System

Rev. 03 - 2023/09/25



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Pictor System

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The Pictor system allows numerous configurations. The number of luminaires and accessories varies according to the main structure of the chosen post.

1 - Main post structure with one luminaire
Available versions:
h 4m, h 5m, h 6m

2 - Main post structure with two luminaires
Available versions:
h 4m, h 5m, h 6m

3 - Main post structure with two staggered luminaires
Available versions:
h 5m, h 6m

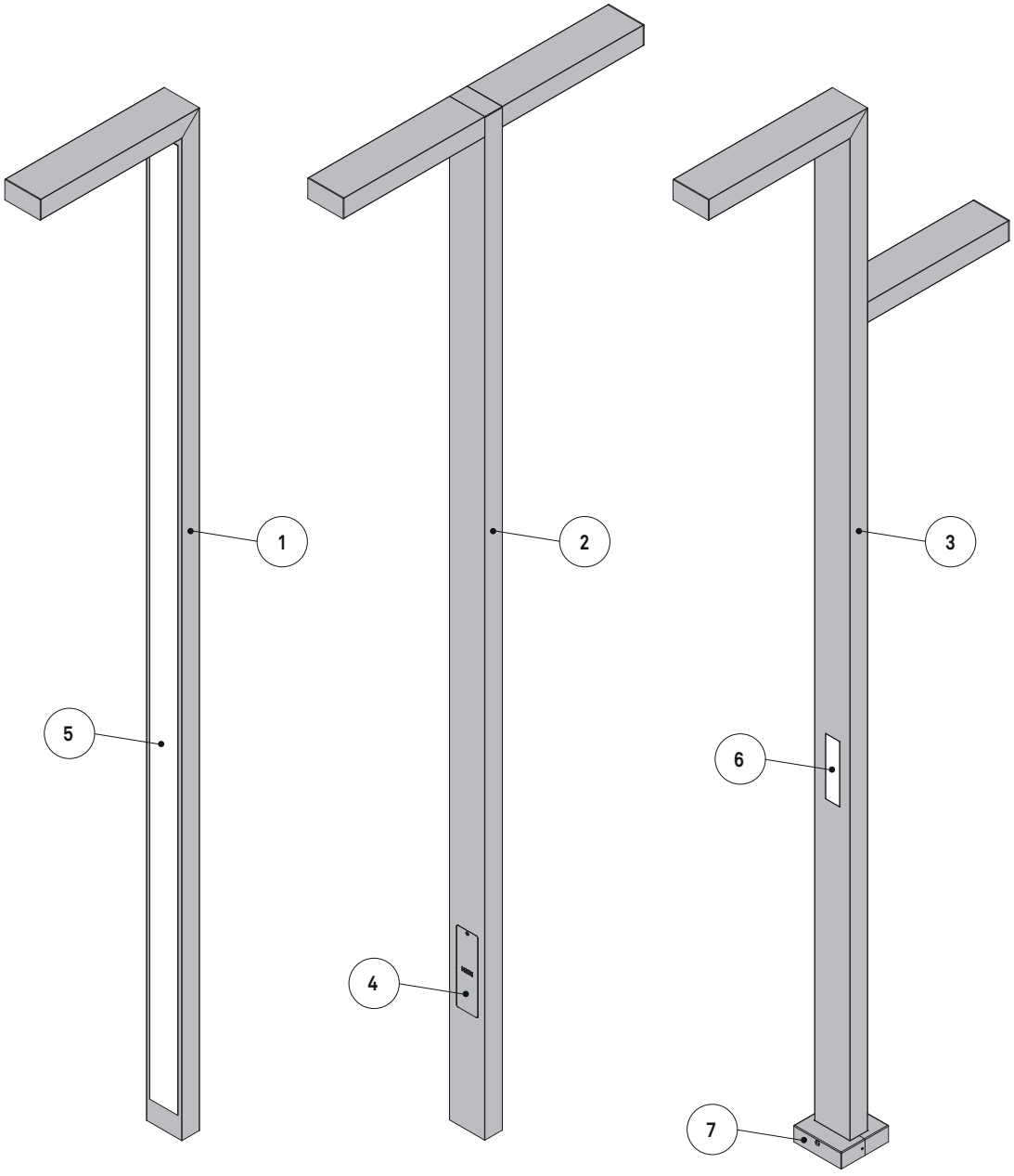
4 - Hand hole

5 - Cladding accessory available in three different finishes.

6 - Decorative LED module accessory

7 - Post base cover accessory

Other accessories available on request:
- Terminal block
- PIR presence detector
- Zhaga connector
- NEMA Socket (3 or 7 pin)



NERI

Pictor System

Cod. **LSPIC**

Technical sheet

Rev. 03 - 2023/09/25

MAIN STRUCTURE POLE h 4m

Compliance
CE certified post.

Dimensions - Area - Weight

Height	Width	Lenght	Weight	Area exposed to wind
4000 mm	100 mm	200 mm	36.5 Kg	0.48 m^2

Materials
- Lamp post in extruded aluminium.
- Fastening devices in UNI EN 10219 steel, hot-galvanized to UNI EN ISO 1461 standards.

Structure - Main components
- Aluminium profile 200 x 100 mm (A), height 4000 mm.
- Arm (B) in aluminium profile 200 x 100 mm (lenght 900 mm) with integrated lighting system.

Standard equipment
- Slot (400 x 122 mm) for installation of terminal board, with or without fuse.
- Hand hole (C) (399 x 119 mm) to close the slot for terminal board with the Neri logo on it.
- Hole (170 x 60 mm) at the centre of flange for passage of electric cables.

Embedded Root mounting
- With embedded root to be cemented to the foundation plinth (root depth 800 mm).

Flange mounting
- Square flange 266 x 266 mm (thickness 15 mm) with blunted edges, for mounting with four anchors bolts to the foundation plinth (anchors bolts are not supplied).
- Set-up for mounting with flange and hidden flange, positioned 100 mm below the final pavement level.

Painting
- Powder coating.
- Standard colors: Neri grey, pure white (RAL9010), jet black (RAL9005), moss green (RAL6005), white aluminium (RAL9006), grey aluminium (RAL9007).

Accessories (on request)
- Post base cover accessory
- LED decorative module
- Decorative cladding - Wood, bronze and white aluminium finishes.
- Terminal block

LUMINAIRE

Compliance
- 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.

IP66 IK09 A++

Electrical characteristics

Voltage	Frequency	Cos ϕ	Insulation class	Operative Temp.
220-240V	50-60Hz	> 0,9	CL II ⧈	-25°C / +50°C

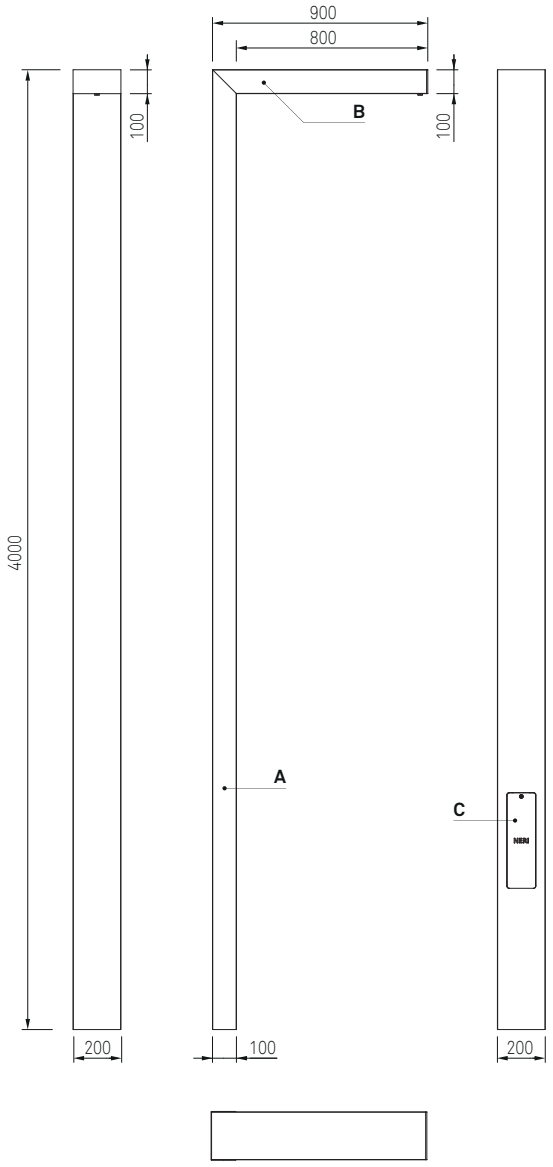
Materials
- Extruded aluminium.
- Extra-clear transparent and prismatic flat glass.
- Aluminium sheet.
- Stainless steel screws.

Structure - Main components
- External frame in extruded aluminium.
- Shield in extra-clear tempered glass with impact resistance IK09 (EN 62262).
- Integrated heat sink in aluminium.
- White internal reflector.
- Dedicated space for any surge protection devices or remote control systems.

Electrical auxiliaries
- Electronic power supply with protection against short circuits, overheating and power surges with an estimated B10 duration of 100,000 h.
- Terminal block for wires with max. section of 2.5mm2.
- Input power cable with PG13.5 (Ø 6-12mm).
- Supplied with power cable.
- Standard surge protection for differential/common mode 10kV/10kV (CL I, CL II).

Accessories (on request)
- PIR presence detector.
- Zhaga connector.
- NEMA Socket (3 or 7 pin).

DRAWINGS



NERI

Pictor System

Cod. **LSPIC**

Technical sheet

Rev. 03 - 2023/09/25

MAIN STRUCTURE POLE h 4m

Compliance
CE certified post.

Dimensions - Area - Weight

Height	Width	Lenght	Weight	Area exposed to wind
4000 mm	100 mm	200 mm	48 Kg	0.56 m^2

Materials
- Lamp post in extruded aluminium.
- Fastening devices in UNI EN 10219 steel, hot-galvanized to UNI EN ISO 1461 standards.

Structure - Main components
- Aluminium profile 200 x 100 mm (A), height 4000 mm.
- Double arm (B) in aluminium profile 200 x 100 mm (lenght 900 mm) with integrated lighting system.

Standard equipment
- Slot (400 x 122 mm) for installation of terminal board, with or without fuse.
- Hand hole (C) (399 x 119 mm) to close the slot for terminal board with the Neri logo on it.
- Hole (170 x 60 mm) at the centre of flange for passage of electric cables.

Embedded Root mounting
- With embedded root to be cemented to the foundation plinth (root depth 800 mm).

Flange mounting
- Square flange 266 x 266 mm (thickness 15 mm) with blunted edges, for mounting with four anchors bolts to the foundation plinth (anchors bolts are not supplied).
- Set-up for mounting with flange and hidden flange, positioned 100 mm below the final pavement level.

Painting
- Powder coating.
- Standard colors: Neri grey, pure white (RAL9010), jet black (RAL9005), moss green (RAL6005), white aluminium (RAL9006), grey aluminium (RAL9007).

Accessories (on request)
- Post base cover accessory
- LED decorative module
- Decorative cladding - Wood, bronze and white aluminium finishes.
- Terminal block

LUMINAIRE

Compliance
- 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.

IP66 IK09

Electrical characteristics

Voltage	Frequency	Cos ϕ	Insulation class	Operative Temp.
220-240V	50-60Hz	> 0,9	CL II ⧈	-25°C / +50°C

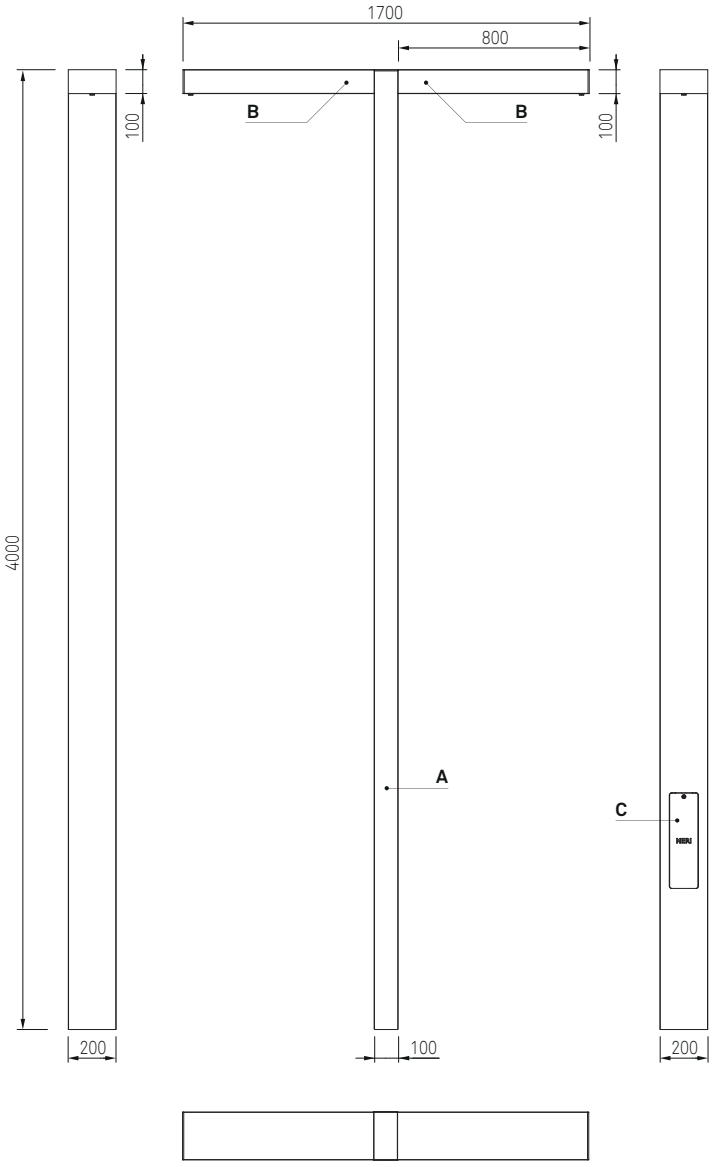
Materials
- Extruded aluminium.
- Extra-clear transparent and prismatic flat glass.
- Aluminium sheet.
- Stainless steel screws.

Structure - Main components
- External frame in extruded aluminium.
- Shield in extra-clear tempered glass with impact resistance IK09 (EN 62262).
- Integrated heat sink in aluminium.
- White internal reflector.
- Dedicated space for any surge protection devices or remote control systems.

Electrical auxiliaries
- Electronic power supply with protection against short circuits, overheating and power surges with an estimated B10 duration of 100,000 h.
- Terminal block for wires with max. section of 2.5mm2.
- Input power cable with PG13.5 (Ø 6-12mm).
- Supplied with power cable.
- Standard surge protection for differential/common mode 10kV/10kV (CL I, CL II).

Accessories (on request)
- PIR presence detector.
- Zhaga connector.
- NEMA Socket (3 or 7 pin).

DRAWINGS



NERI

Pictor System

Cod. **LSPIC**

Technical sheet

Rev. 03 - 2023/09/25

MAIN STRUCTURE POLE h 5m

Compliance
CE certified post.

Dimensions - Area - Weight

Height	Width	Lenght	Weight	Area exposed to wind
5000 mm	100 mm	200 mm	41.5 Kg	0.58 m^2

Materials
- Lamp post in extruded aluminium.
- Fastening devices in UNI EN 10219 steel, hot-galvanized to UNI EN ISO 1461 standards.

Structure - Main components
- Aluminium profile 200 x 100 mm (A), height 5000 mm.
- Arm (B) in aluminium profile 200 x 100 mm (lenght 900 mm) with integrated lighting system.

Standard equipment
- Slot (400 x 122 mm) for installation of terminal board, with or without fuse.
- Hand hole (C) (399 x 119 mm) to close the slot for terminal board with the Neri logo on it.
- Hole (170 x 60 mm) at the centre of flange for passage of electric cables.

Embedded Root mounting
- With embedded root to be cemented to the foundation plinth (root depth 800 mm).

Flange mounting
- Square flange 266 x 266 mm (thickness 15 mm) with blunted edges, for mounting with four anchors bolts to the foundation plinth (anchors bolts are not supplied).
- Set-up for mounting with flange and hidden flange, positioned 100 mm below the final pavement level.

Painting
- Powder coating.
- Standard colors: Neri grey, pure white (RAL9010), jet black (RAL9005), moss green (RAL6005), white aluminium (RAL9006), grey aluminium (RAL9007).

Accessories (on request)
- Post base cover accessory
- LED decorative module
- Decorative cladding - Wood, bronze and white aluminium finishes.
- Terminal block

LUMINAIRE

Compliance
- 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.

IP66 IK09 A++

Electrical characteristics

Voltage	Frequency	Cos ϕ	Insulation class	Operative Temp.
220-240V	50-60Hz	> 0,9	CL II ⧈	-25°C / +50°C

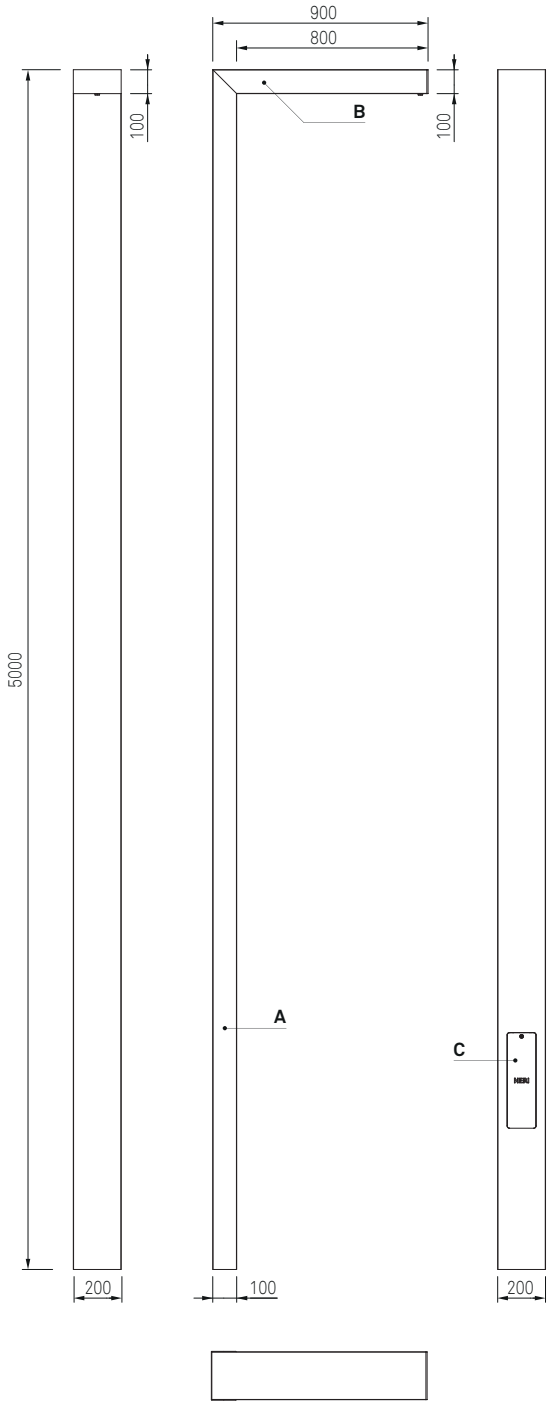
Materials
- Extruded aluminium.
- Extra-clear transparent and prismatic flat glass.
- Aluminium sheet.
- Stainless steel screws.

Structure - Main components
- External frame in extruded aluminium.
- Shield in extra-clear tempered glass with impact resistance IK09 (EN 62262).
- Integrated heat sink in aluminium.
- White internal reflector.
- Dedicated space for any surge protection devices or remote control systems.

Electrical auxiliaries
- Electronic power supply with protection against short circuits, overheating and power surges with an estimated B10 duration of 100,000 h.
- Terminal block for wires with max. section of 2.5mm2.
- Input power cable with PG13.5 (Ø 6-12mm).
- Supplied with power cable.
- Standard surge protection for differential/common mode 10kV/10kV (CL I, CL II).

Accessories (on request)
- PIR presence detector.
- Zhaga connector.
- NEMA Socket (3 or 7 pin).

DRAWINGS



NERI

Pictor System

Cod. **LSPIC**

Technical sheet

Rev. 03 - 2023/09/25

MAIN STRUCTURE POLE h 5m

Compliance
CE certified post.

Dimensions - Area - Weight

Height	Width	Lenght	Weight	Area exposed to wind
5000 mm	100 mm	200 mm	53 Kg	0.66 m^2

Materials
- Lamp post in extruded aluminium.
- Fastening devices in UNI EN 10219 steel, hot-galvanized to UNI EN ISO 1461 standards.

Structure - Main components
- Aluminium profile 200 x 100 mm (A), height 5000 mm.
- Double arm (B) in aluminium profile 200 x 100 mm (lenght 900 mm) with integrated lighting system.

Standard equipment
- Slot (400 x 122 mm) for installation of terminal board, with or without fuse.
- Hand hole (C) (399 x 119 mm) to close the slot for terminal board with the Neri logo on it.
- Hole (170 x 60 mm) at the centre of flange for passage of electric cables.

Embedded Root mounting
- With embedded root to be cemented to the foundation plinth (root depth 800 mm).

Flange mounting
- Square flange 266 x 266 mm (thickness 15 mm) with blunted edges, for mounting with four anchors bolts to the foundation plinth (anchors bolts are not supplied).
- Set-up for mounting with flange and hidden flange, positioned 100 mm below the final pavement level.

Painting
- Powder coating.
- Standard colors: Neri grey, pure white (RAL9010), jet black (RAL9005), moss green (RAL6005), white aluminium (RAL9006), grey aluminium (RAL9007).

Accessories (on request)
- Post base cover accessory
- LED decorative module
- Decorative cladding - Wood, bronze and white aluminium finishes.
- Terminal block

LUMINAIRE

Compliance
- 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.

IP66 IK09 A++

Electrical characteristics

Voltage	Frequency	Cos ϕ	Insulation class	Operative Temp.
220-240V	50-60Hz	> 0,9	CL II ⧈	-25°C / +50°C

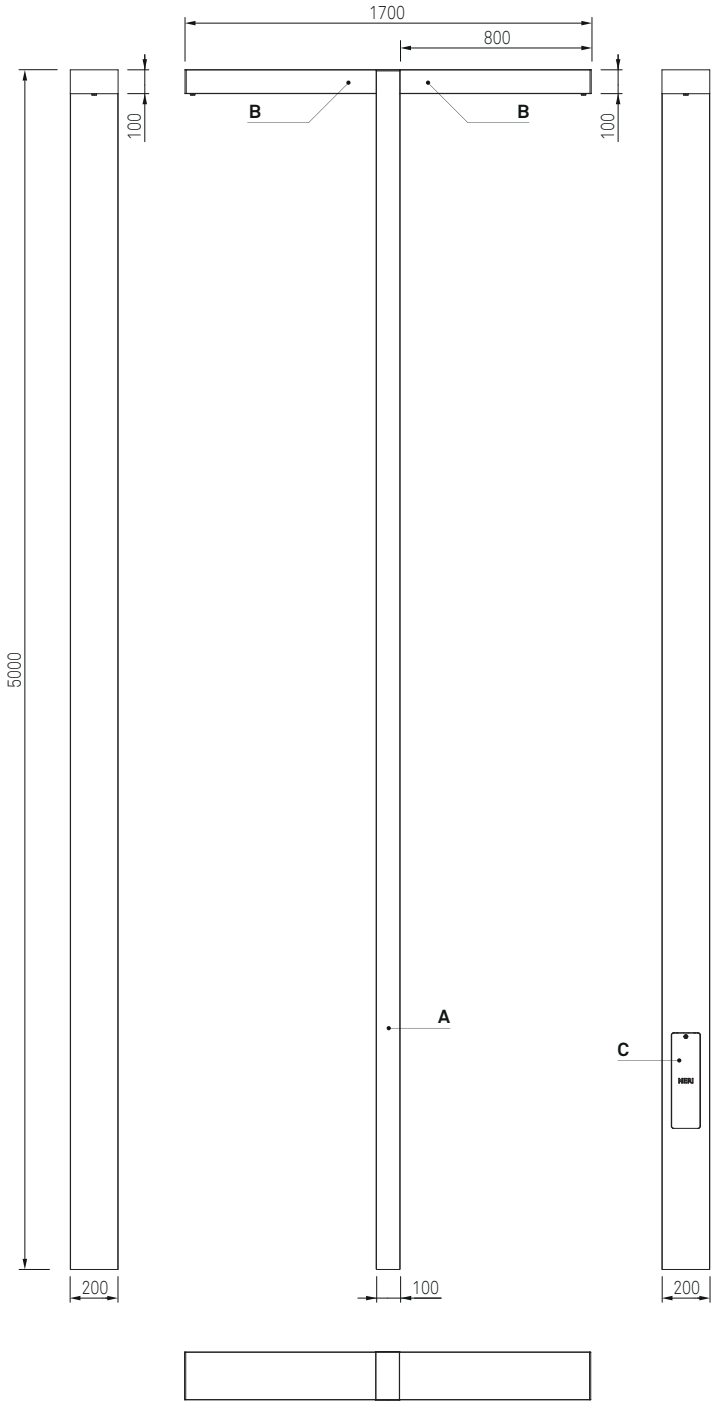
Materials
- Extruded aluminium.
- Extra-clear transparent and prismatic flat glass.
- Aluminium sheet.
- Stainless steel screws.

Structure - Main components
- External frame in extruded aluminium.
- Shield in extra-clear tempered glass with impact resistance IK09 (EN 62262).
- Integrated heat sink in aluminium.
- White internal reflector.
- Dedicated space for any surge protection devices or remote control systems.

Electrical auxiliaries
- Electronic power supply with protection against short circuits, overheating and power surges with an estimated B10 duration of 100,000 h.
- Terminal block for wires with max. section of 2.5mm2.
- Input power cable with PG13.5 (Ø 6-12mm).
- Supplied with power cable.
- Standard surge protection for differential/common mode 10kV/10kV (CL I, CL II).

Accessories (on request)
- PIR presence detector.
- Zhaga connector.
- NEMA Socket (3 or 7 pin).

DRAWINGS



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Pictor System

Cod. **LSPIC**

Technical sheet

Rev. 03 - 2023/09/25

MAIN STRUCTURE POLE h 5m

Compliance
CE certified post.

Dimensions - Area - Weight

Height	Width	Lenght	Weight	Area exposed to wind
5000 mm	100 mm	200 mm	54 Kg	0.66 m^2

Materials
- Lamp post in extruded aluminium.
- Fastening devices in UNI EN 10219 steel, hot-galvanized to UNI EN ISO 1461 standards.

Structure - Main components
- Aluminium profile 200 x 100 mm (A), height 5000 mm.
- Double staggered arm (B) in aluminium profile 200 x 100 mm (lenght 900 mm) with integrated lighting system.

Standard equipment
- Slot (400 x 122 mm) for installation of terminal board, with or without fuse.
- Hand hole (C) (399 x 119 mm) to close the slot for terminal board with the Neri logo on it.
- Hole (170 x 60 mm) at the centre of flange for passage of electric cables.

Embedded Root mounting
- With embedded root to be cemented to the foundation plinth (root depth 800 mm).

Flange mounting
- Square flange 266 x 266 mm (thickness 15 mm) with blunted edges, for mounting with four anchors bolts to the foundation plinth (anchors bolts are not supplied).
- Set-up for mounting with flange and hidden flange, positioned 100 mm below the final pavement level.

Painting
- Powder coating.
- Standard colors: Neri grey, pure white (RAL9010), jet black (RAL9005), moss green (RAL6005), white aluminium (RAL9006), grey aluminium (RAL9007).

Accessories (on request)
- Post base cover accessory
- LED decorative module
- Decorative cladding - Wood, bronze and white aluminium finishes.
- Terminal block

LUMINAIRE

Compliance
- 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.

IP66 IK09 A++

Electrical characteristics

Voltage	Frequency	Cos ϕ	Insulation class	Operative Temp.
220-240V	50-60Hz	> 0,9	CL II ⧈	-25°C / +50°C

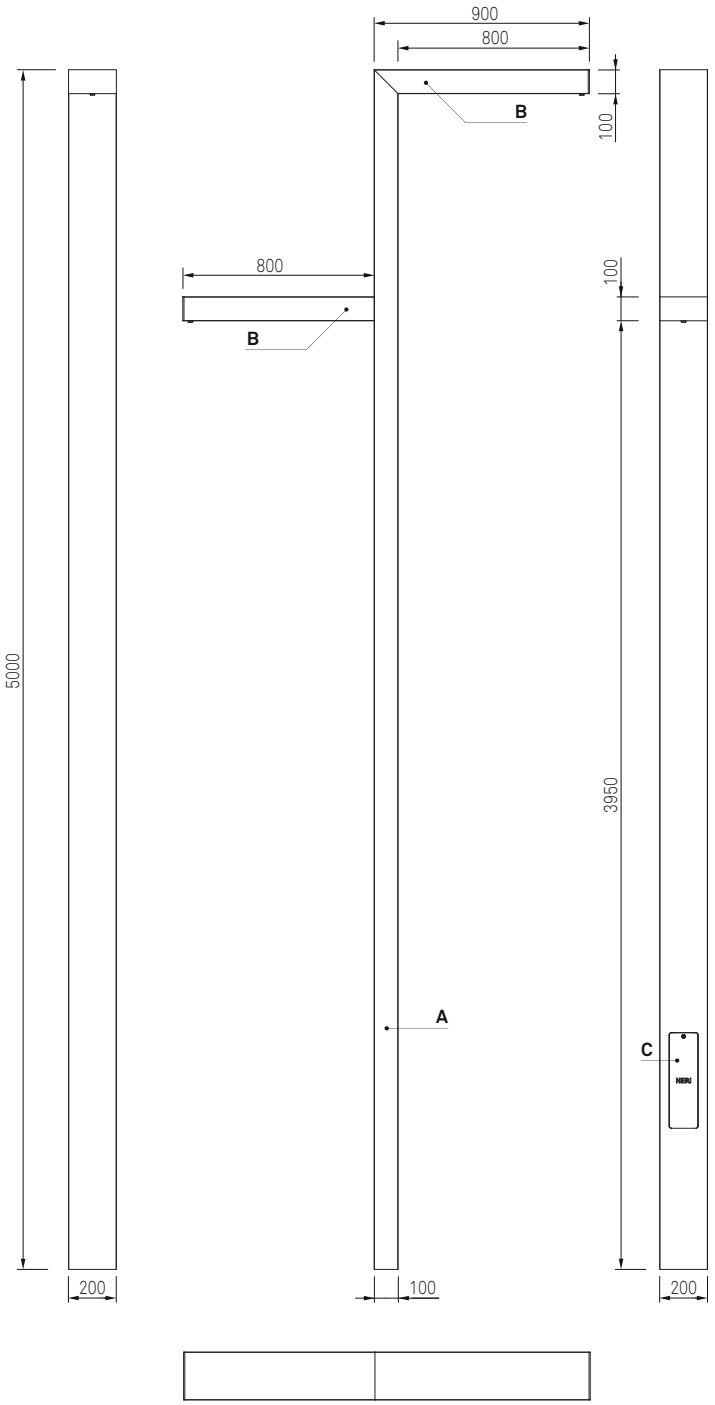
Materials
- Extruded aluminium.
- Extra-clear transparent and prismatic flat glass.
- Aluminium sheet.
- Stainless steel screws.

Structure - Main components
- External frame in extruded aluminium.
- Shield in extra-clear tempered glass with impact resistance IK09 (EN 62262).
- Integrated heat sink in aluminium.
- White internal reflector.
- Dedicated space for any surge protection devices or remote control systems.

Electrical auxiliaries
- Electronic power supply with protection against short circuits, overheating and power surges with an estimated B10 duration of 100,000 h.
- Terminal block for wires with max. section of 2.5mm2.
- Input power cable with PG13.5 (Ø 6-12mm).
- Supplied with power cable.
- Standard surge protection for differential/common mode 10kV/10kV (CL I, CL II).

Accessories (on request)
- PIR presence detector.
- Zhaga connector.
- NEMA Socket (3 or 7 pin).

DRAWINGS



NERI

Pictor System

Cod. **LSPIC**

Technical sheet

Rev. 03 - 2023/09/25

MAIN STRUCTURE POLE h 6m

Compliance
CE certified post.

Dimensions - Area - Weight

Height	Width	Lenght	Weight	Area exposed to wind
6000 mm	100 mm	200 mm	46,5 Kg	0.68 m^2

Materials
- Lamp post in extruded aluminium.
- Fastening devices in UNI EN 10219 steel, hot-galvanized to UNI EN ISO 1461 standards.

Structure - Main components
- Aluminium profile 200 x 100 mm (A), height 6000 mm.
- Arm (B) in aluminium profile 200 x 100 mm (lenght 900 mm) with integrated lighting system.

Standard equipment
- Slot (400 x 122 mm) for installation of terminal board, with or without fuse.
- Hand hole (C) (399 x 119 mm) to close the slot for terminal board with the Neri logo on it.
- Hole (170 x 60 mm) at the centre of flange for passage of electric cables.

Embedded Root mounting
- With embedded root to be cemented to the foundation plinth (root depth 800 mm).

Flange mounting
- Square flange 266 x 266 mm (thickness 15 mm) with blunted edges, for mounting with four anchors bolts to the foundation plinth (anchors bolts are not supplied).
- Set-up for mounting with flange and hidden flange, positioned 100 mm below the final pavement level.

Painting
- Powder coating.
- Standard colors: Neri grey, pure white (RAL9010), jet black (RAL9005), moss green (RAL6005), white aluminium (RAL9006), grey aluminium (RAL9007).

Accessories (on request)
- Post base cover accessory
- LED decorative module
- Decorative cladding - Wood, bronze and white aluminium finishes.
- Terminal block

LUMINAIRE

Compliance
- 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.

IP66 IK09 A++

Electrical characteristics

Voltage	Frequency	Cos ϕ	Insulation class	Operative Temp.
220-240V	50-60Hz	> 0,9	CL II ⧈	-25°C / +50°C

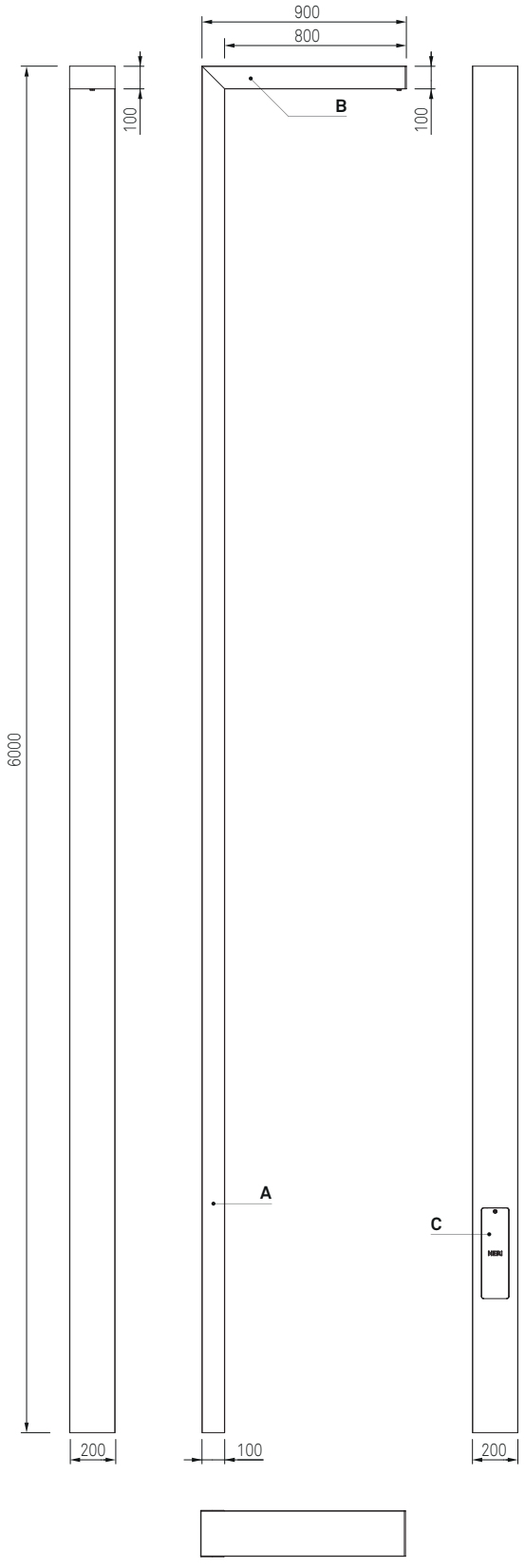
Materials
- Extruded aluminium.
- Extra-clear transparent and prismatic flat glass.
- Aluminium sheet.
- Stainless steel screws.

Structure - Main components
- External frame in extruded aluminium.
- Shield in extra-clear tempered glass with impact resistance IK09 (EN 62262).
- Integrated heat sink in aluminium.
- White internal reflector.
- Dedicated space for any surge protection devices or remote control systems.

Electrical auxiliaries
- Electronic power supply with protection against short circuits, overheating and power surges with an estimated B10 duration of 100,000 h.
- Terminal block for wires with max. section of 2.5mm2.
- Input power cable with PG13.5 (Ø 6-12mm).
- Supplied with power cable.
- Standard surge protection for differential/common mode 10kV/10kV (CL I, CL II).

Accessories (on request)
- PIR presence detector.
- Zhaga connector.
- NEMA Socket (3 or 7 pin).

DRAWINGS



NERI

Pictor System

Cod. **LSPIC**

Technical sheet

Rev. 03 - 2023/09/25

MAIN STRUCTURE POLE h 6m

Compliance
CE certified post.

Dimensions - Area - Weight

Height	Width	Lenght	Weight	Area exposed to wind
6000 mm	100 mm	200 mm	58 Kg	0.76 m^2

Materials
- Lamp post in extruded aluminium.
- Fastening devices in UNI EN 10219 steel, hot-galvanized to UNI EN ISO 1461 standards.

Structure - Main components
- Aluminium profile 200 x 100 mm (A), height 6000 mm.
- Double arm (B) in aluminium profile 200 x 100 mm (lenght 900 mm) with integrated lighting system.

Standard equipment
- Slot (400 x 122 mm) for installation of terminal board, with or without fuse.
- Hand hole (C) (399 x 119 mm) to close the slot for terminal board with the Neri logo on it.
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Embedded Root mounting
- With embedded root to be cemented to the foundation plinth (root depth 800 mm).

Flange mounting
- Square flange 266 x 266 mm (thickness 15 mm) with blunted edges, for mounting with four anchors bolts to the foundation plinth (anchors bolts are not supplied).
- Set-up for mounting with flange and hidden flange, positioned 100 mm below the final pavement level.

Painting
- Powder coating.
- Standard colors: Neri grey, pure white (RAL9010), jet black (RAL9005), moss green (RAL6005), white aluminium (RAL9006), grey aluminium (RAL9007).

Accessories (on request)
- Post base cover accessory
- LED decorative module
- Decorative cladding - Wood, bronze and white aluminium finishes.
- Terminal block

LUMINAIRE

Compliance
- 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.

IP66 IK09 A++

Electrical characteristics

Voltage	Frequency	Cos ϕ	Insulation class	Operative Temp.
220-240V	50-60Hz	> 0,9	CL II ⧈	-25°C / +50°C

Materials
- Extruded aluminium.
- Extra-clear transparent and prismatic flat glass.
- Aluminium sheet.
- Stainless steel screws.

Structure - Main components
- External frame in extruded aluminium.
- Shield in extra-clear tempered glass with impact resistance IK09 (EN 62262).
- Integrated heat sink in aluminium.
- White internal reflector.
- Dedicated space for any surge protection devices or remote control systems.

Electrical auxiliaries
- Electronic power supply with protection against short circuits, overheating and power surges with an estimated B10 duration of 100,000 h.
- Terminal block for wires with max. section of 2.5mm2.
- Input power cable with PG13.5 (Ø 6-12mm).
- Supplied with power cable.
- Standard surge protection for differential/common mode 10kV/10kV (CL I, CL II).

Accessories (on request)
- PIR presence detector.
- Zhaga connector.
- NEMA Socket (3 or 7 pin).

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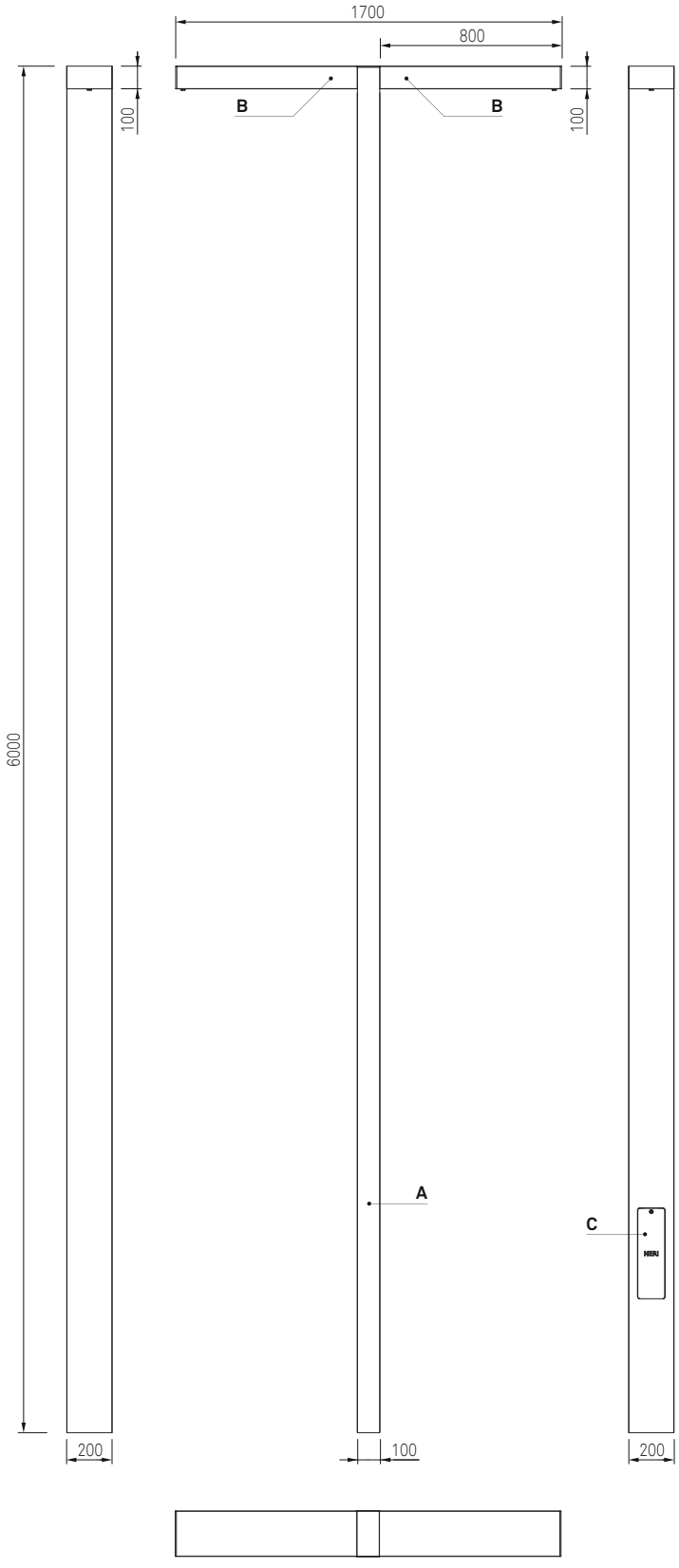


NERI

Pictor System

Cod. **LSPIC**

Technical sheet

Rev. 03 - 2023/09/25

MAIN STRUCTURE POLE h 6m

Compliance
CE certified post.

Dimensions - Area - Weight

Height	Width	Lenght	Weight	Area exposed to wind
6000 mm	100 mm	200 mm	59 Kg	0.76 m^2

Materials
- Lamp post in extruded aluminium.
- Fastening devices in UNI EN 10219 steel, hot-galvanized to UNI EN ISO 1461 standards.

Structure - Main components
- Aluminium profile 200 x 100 mm (A), height 6000 mm.
- Double staggered arm (B) in aluminium profile 200 x 100 mm (lenght 900 mm) with integrated lighting system.

Standard equipment
- Slot (400 x 122 mm) for installation of terminal board, with or without fuse.
- Hand hole (C) (399 x 119 mm) to close the slot for terminal board with the Neri logo on it.
- Hole (170 x 60 mm) at the centre of flange for passage of electric cables.

Embedded Root mounting
- With embedded root to be cemented to the foundation plinth (root depth 800 mm).

Flange mounting
- Square flange 266 x 266 mm (thickness 15 mm) with blunted edges, for mounting with four anchors bolts to the foundation plinth (anchors bolts are not supplied).
- Set-up for mounting with flange and hidden flange, positioned 100 mm below the final pavement level.

Painting
- Powder coating.
- Standard colors: Neri grey, pure white (RAL9010), jet black (RAL9005), moss green (RAL6005), white aluminium (RAL9006), grey aluminium (RAL9007).

Accessories (on request)
- Post base cover accessory
- LED decorative module
- Decorative cladding - Wood, bronze and white aluminium finishes.
- Terminal block

LUMINAIRE

Compliance
- 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.

IP66 IK09 A++

Electrical characteristics

Voltage	Frequency	Cos ϕ	Insulation class	Operative Temp.
220-240V	50-60Hz	> 0,9	CL II ⧈	-25°C / +50°C

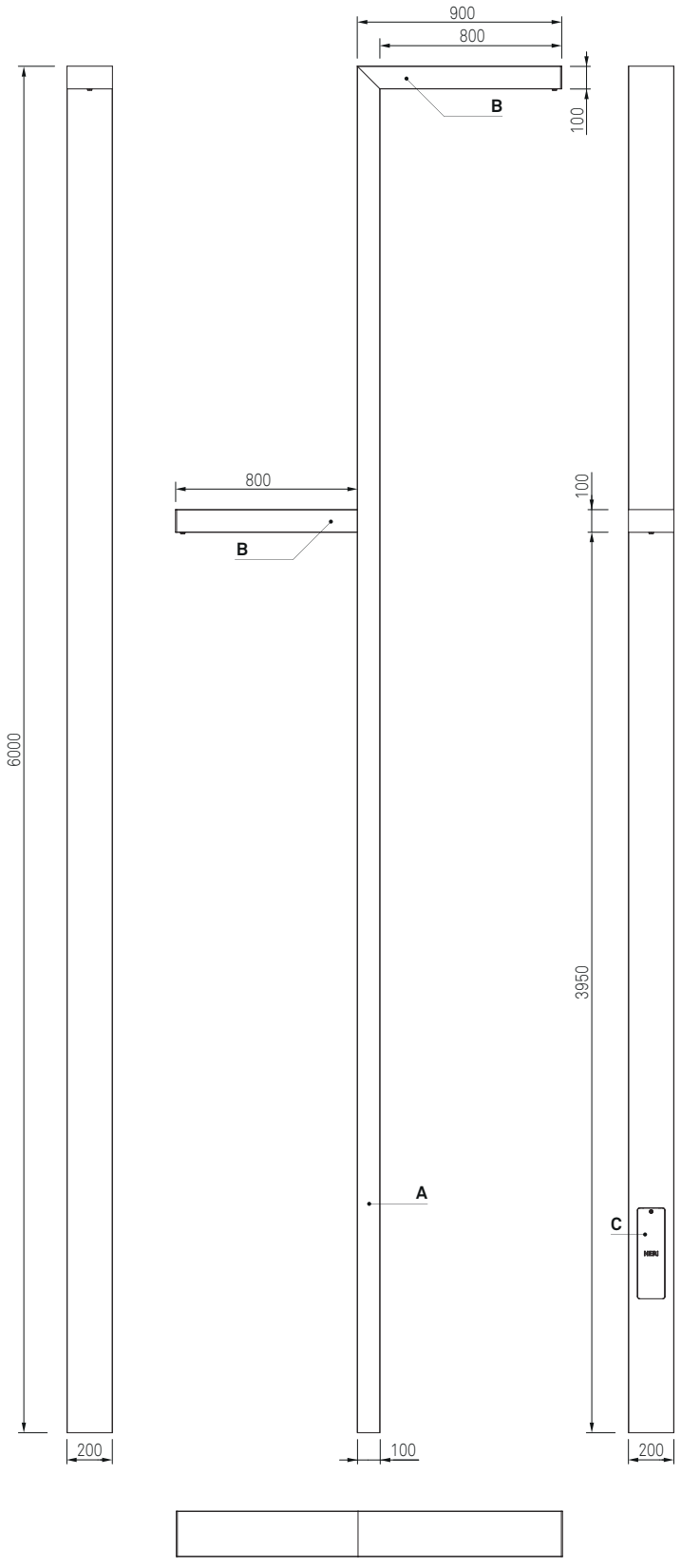
Materials
- Extruded aluminium.
- Extra-clear transparent and prismatic flat glass.
- Aluminium sheet.
- Stainless steel screws.

Structure - Main components
- External frame in extruded aluminium.
- Shield in extra-clear tempered glass with impact resistance IK09 (EN 62262).
- Integrated heat sink in aluminium.
- White internal reflector.
- Dedicated space for any surge protection devices or remote control systems.

Electrical auxiliaries
- Electronic power supply with protection against short circuits, overheating and power surges with an estimated B10 duration of 100,000 h.
- Terminal block for wires with max. section of 2.5mm2.
- Input power cable with PG13.5 (Ø 6-12mm).
- Supplied with power cable.
- Standard surge protection for differential/common mode 10kV/10kV (CL I, CL II).

Accessories (on request)
- PIR presence detector.
- Zhaga connector.
- NEMA Socket (3 or 7 pin).

DRAWINGS



NERI

Pictor System
Cod. **LSPIC**

Optics: Type II - III
Screen: Transparent

Technical sheet
Rev. 03 - 2023/09/25

LUMINAIRE CONFIGURATION

Optic configuration - Transparent screen

Lighting distribution	Distribution type	LOR*	ULOR
Type II - D	Asymmetric	100%	0%
Type III - B	Asymmetric	100%	0%
Type III - C	Asymmetric	100%	0%
Type III - H	Asymmetric	100%	0%

* optical efficiency of the device due to physical shielding.
- Modular (2 X 2) refractive lens in PMMA.
- Maximum luminous intensity class $\gamma \geq 90°$: < 0.49 cd/klm.
- Wide range of optical lighting distributions (on request).
- Reflector to recover luminous flux and reduce glare.

Luminous flux - 3000K

System**			LED module			
lm	W	lm/W	n.LED	mA	W	lm/W
2500	19.3	130	16	2 x 180	15.6	161
3500	25.4	138	24	2 x 167	21.7	162
4500	32.3	139	24	2 x 218	28.6	158
6000	45,2	133	24	2 x 297	39,5	152
7500	54.9	137	32	2 x 277	48.9	153
9000	66.7	135	32	2 x 338	60.4	149
10500	75.6	139	48	2 x 257	67.9	155
12000	87.1	138	48	2 x 297	79.0	152
13500	99.2	136	48	2 x 338	90.6	149

Luminous flux - 4000K

System**			LED module			
lm	W	lm/W	n.LED	mA	W	lm/W
2500	18.4	136	16	2 x 170	14.7	170
3500	24.3	144	24	2 x 158	20.5	171
4500	30.7	146	24	2 x 206	27.0	167
6000	42.9	140	24	2 x 281	37.3	161
7500	52.0	144	32	2 x 262	46.2	162
9000	63.1	143	32	2 x 320	56.9	158
10500	71.7	147	48	2 x 243	64.1	164
12000	82.5	145	48	2 x 281	74.6	161
13500	93.7	144	48	2 x 320	85.4	158

** The energetic values in the table are referred to the LED + Power supply.
- CCT 2200K and 2700K on demand.
- LED Type: Lumileds Luxeon 5050
  LED efficacy: 164 lm/W @ Tj=25°, 800 mA, 3000K
  LED efficacy: 169 lm/W @ Tj=25°, 800 mA, 4000K
- Life time specifi cation for gradual light output degradation
  (EN 62722-2-1, LM80 data) 100,000h L90B10 (Tq = 25°C).
- Color rendering index (Ra): ≥ 80
- Angular color uniformity Δu'v' ≤ 0,003
- Photobiological risk (IEC/TR 62778): RG1 Unlimited

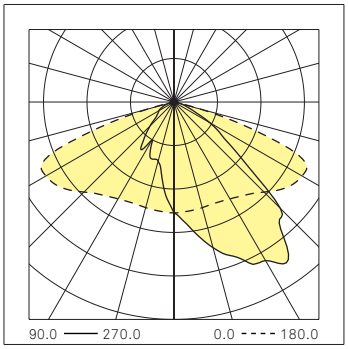
Driver

Driver functions
1-10V + NCL (Analogic control + Neri Constant Lumen)
DALI + NCL (Digital control + Neri Constant Lumen)
NVL6H + NCL (Autodimming -30% x 6h + Neri Constant Lumen)
ON-OFF + NCL (On-Off + Neri Constant Lumen)

POLAR DIAGRAMS

Type II – D

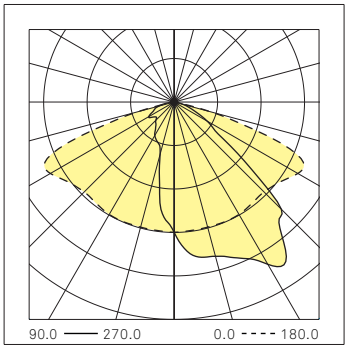
Luminous intensity class G*4



CIE Flux code				
N.1	N.2	N.3	N.4	N.5
40	77	98	100	100

Type III - B

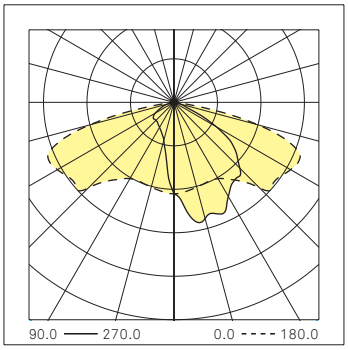
Luminous intensity class G*4



CIE Flux code				
N.1	N.2	N.3	N.4	N.5
42	77	98	100	100

Type III - C

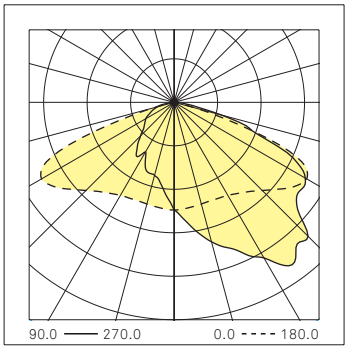
Luminous intensity class G*2



CIE Flux code				
N.1	N.2	N.3	N.4	N.5
34	70	96	100	100

Type III - H

Luminous intensity class G*4



CIE Flux code				
N.1	N.2	N.3	N.4	N.5
33	70	96	100	100

NERI

Pictor System
Cod. **LSPIC**

Optics: Type IV - V
Screen: Transparent

Technical sheet
Rev. 03 - 2023/09/25

LUMINAIRE CONFIGURATION

Optic configuration - Transparent screen

Lighting distribution	Distribution type	LOR*	ULOR
Type IV - A	Forward throw	100%	0%
Type IV - C	Forward throw	100%	0%
Type V - A	Rotosymmetric	100%	0%

* optical effi ciency of the device due to physical shielding.
- Modular (2 X 2) refractive lens in PMMA.
- Maximum luminous intensity class γ ≥ 90°: < 0.49 cd/klm.
- Wide range of optical lighting distributions (on request).
- Reflector to recover luminous flux and reduce glare.

Luminous flux - 3000K

System**			LED module			
lm	W	lm/W	n.LED	mA	W	lm/W
2500	19.3	130	16	2 x 180	15.6	161
3500	25.4	138	24	2 x 167	21.7	162
4500	32.3	139	24	2 x 218	28.6	158
6000	45,2	133	24	2 x 297	39,5	152
7500	54.9	137	32	2 x 277	48.9	153
9000	66.7	135	32	2 x 338	60.4	149
10500	75.6	139	48	2 x 257	67.9	155
12000	87.1	138	48	2 x 297	79.0	152
13500	99.2	136	48	2 x 338	90.6	149

Luminous flux - 4000K

System**			LED module			
lm	W	lm/W	n.LED	mA	W	lm/W
2500	18.4	136	16	2 x 170	14.7	170
3500	24.3	144	24	2 x 158	20.5	171
4500	30.7	146	24	2 x 206	27.0	167
6000	42.9	140	24	2 x 281	37.3	161
7500	52.0	144	32	2 x 262	46.2	162
9000	63.1	143	32	2 x 320	56.9	158
10500	71.7	147	48	2 x 243	64.1	164
12000	82.5	145	48	2 x 281	74.6	161
13500	93.7	144	48	2 x 320	85.4	158

** The energetic values in the table are referred to the LED + Power supply.
- CCT 2200K and 2700K on demand.
- LED Type: Lumileds Luxeon 5050
  LED efficacy: 164 lm/W @ Tj=25°, 800 mA, 3000K
  LED efficacy: 169 lm/W @ Tj=25°, 800 mA, 4000K
- Life time specifi cation for gradual light output degradation
  (EN 62722-2-1, LM80 data) 100,000h L90B10 (Tq = 25°C).
- Color rendering index (Ra): ≥ 80
- Angular color uniformity Δu'v' ≤ 0,003
- Photobiological risk (IEC/TR 62778): RG1 Unlimited

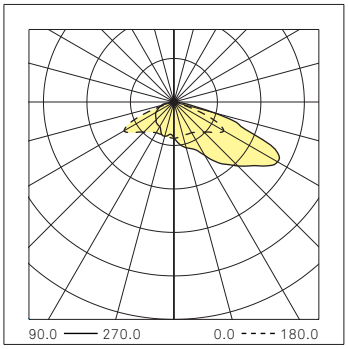
Driver

Driver functions
1-10V + NCL (Analogic control + Neri Constant Lumen)
DALI + NCL (Digital control + Neri Constant Lumen)
NVL6H + NCL (Autodimming -30% x 6h + Neri Constant Lumen)
ON-OFF + NCL (On-Off + Neri Constant Lumen)

POLAR DIAGRAMS

Type IV – A

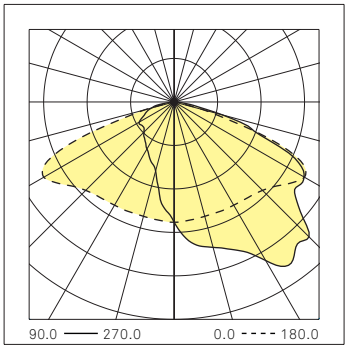
Luminous intensity class G*4



CIE Flux code				
N.1	N.2	N.3	N.4	N.5
26	63	95	100	100

Type IV - C

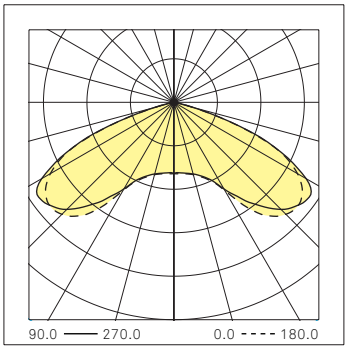
Luminous intensity class G*6



CIE Flux code				
N.1	N.2	N.3	N.4	N.5
34	70	96	100	100

Type V - A

Luminous intensity class G*6



CIE Flux code				
N.1	N.2	N.3	N.4	N.5
25	67	97	100	100

NERI

Pictor System
Cod. **LSPIC**

Optics: Type II - III
Screen: Prismatic

Technical sheet
Rev. 03 - 2023/09/25

LUMINAIRE CONFIGURATION

Optic configuration - Prismatic screen

Lighting distribution	Distribution type	LOR*	ULOR
Type II - D	Asymmetric	100%	0%
Type III - B	Asymmetric	100%	0%
Type III - C	Asymmetric	100%	0%
Type III - H	Asymmetric	100%	0%

* optical efficiency of the device due to physical shielding.
- Modular (2 X 2) refractive lens in PMMA.
- Maximum luminous intensity class γ ≥ 90°: < 0.49 cd/klm.
- Wide range of optical lighting distributions (on request).
- Reflector to recover luminous flux and reduce glare.

Luminous flux - 3000K

System**			LED module			
lm	W	lm/W	n.LED	mA	W	lm/W
2500	20.5	122	16	2 x 193	16.8	149
3500	27.0	129	24	2 x 179	23.3	150
4500	34.6	130	24	2 x 234	30.8	146
6000	48.4	124	24	2 x 319	42.7	141
7500	58.8	127	32	2 x 298	52.8	142
9000	71.9	125	32	2 x 364	65.3	138
10500	81.1	130	48	2 x 276	73.2	143
12000	93.7	128	48	2 x 319	85.3	141

Luminous flux - 4000K

System**			LED module			
lm	W	lm/W	n.LED	mA	W	lm/W
2500	19.6	128	16	2 x 183	15.8	158
3500	25.8	136	24	2 x 170	22.0	159
4500	32.8	137	24	2 x 222	29.1	155
6000	45.9	131	24	2 x 302	40.2	149
7500	55.8	134	32	2 x 282	49.8	150
9000	67.9	133	32	2 x 344	61.5	146
10500	76.8	137	48	2 x 261	69.1	152
12000	88.6	135	48	2 x 302	80.5	149

** The energetic values in the table are referred to the LED + Power supply.
- CCT 2200K and 2700K on demand.
- LED Type: Lumileds Luxeon 5050
  LED efficacy: 164 lm/W @ Tj=25°, 800 mA, 3000K
  LED efficacy: 169 lm/W @ Tj=25°, 800 mA, 4000K
- Life time specifi cation for gradual light output degradation
  (EN 62722-2-1, LM80 data) 120,000h L90B10 (Tq = 25°C).
- Color rendering index (Ra): ≥ 80
- Angular color uniformity Δu'v' ≤ 0,003
- Photobiological risk (IEC/TR 62778): RG1 Unlimited

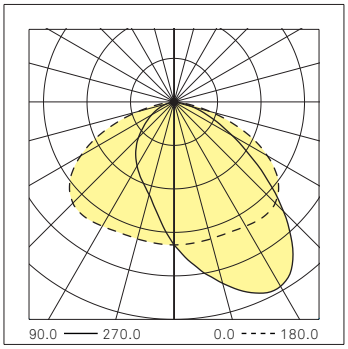
Driver

Driver functions
1-10V + NCL (Analogic control + Neri Constant Lumen)
DALI + NCL (Digital control + Neri Constant Lumen)
NVL6H + NCL (Autodimming -30% x 6h + Neri Constant Lumen)
ON-OFF + NCL (On-Off + Neri Constant Lumen)

POLAR DIAGRAMS

Type II – D

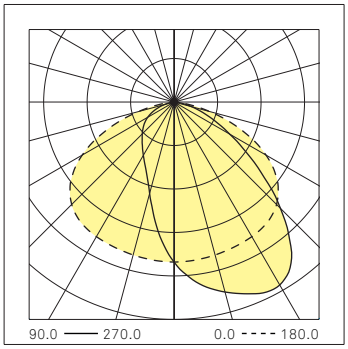
Luminous intensity class G*6



CIE Flux code				
N.1	N.2	N.3	N.4	N.5
46	81	97	100	100

Type III - B

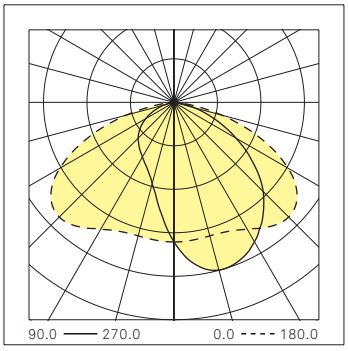
Luminous intensity class G*6



CIE Flux code				
N.1	N.2	N.3	N.4	N.5
47	81	97	100	100

Type III - C

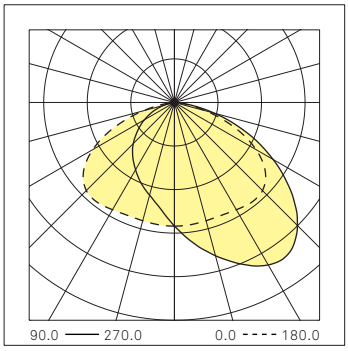
Luminous intensity class G*6



CIE Flux code				
N.1	N.2	N.3	N.4	N.5
42	78	97	100	100

Type III - H

Luminous intensity class G*6



CIE Flux code				
N.1	N.2	N.3	N.4	N.5
41	78	96	100	100

NERI

Pictor System
Cod. **LSPIC**

Optics: Type IV - V
Screen: Prismatic

Technical sheet
Rev. 03 - 2023/09/25

LUMINAIRE FIXTURE CONFIGURATION

Optic configuration - Prismatic screen

Lighting distribution	Distribution type	LOR*	ULOR
Type IV - A	Forward throw	100%	0%
Type IV - C	Forward throw	100%	0%
Type V - A	Rotosymmetric	100%	0%

* optical effi ciency of the device due to physical shielding.
- Modular (2 X 2) refractive lens in PMMA.
- Maximum luminous intensity class γ ≥ 90°: < 0.49 cd/klm.
- Wide range of optical lighting distributions (on request).
- Reflector to recover luminous flux and reduce glare.

Luminous flux - 3000K

System**			LED module			
lm	W	lm/W	n.LED	mA	W	lm/W
2500	20.5	122	16	2 x 193	16.8	149
3500	27.0	129	24	2 x 179	23.3	150
4500	34.6	130	24	2 x 234	30.8	146
6000	48.4	124	24	2 x 319	42.7	141
7500	58.8	127	32	2 x 298	52.8	142
9000	71.9	125	32	2 x 364	65.3	138
10500	81.1	130	48	2 x 276	73.2	143
12000	93.7	128	48	2 x 319	85.3	141

Luminous flux - 4000K

System**			LED module			
lm	W	lm/W	n.LED	mA	W	lm/W
2500	19.6	128	16	2 x 183	15.8	158
3500	25.8	136	24	2 x 170	22.0	159
4500	32.8	137	24	2 x 222	29.1	155
6000	45.9	131	24	2 x 302	40.2	149
7500	55.8	134	32	2 x 282	49.8	150
9000	67.9	133	32	2 x 344	61.5	146
10500	76.8	137	48	2 x 261	69.1	152
12000	88.6	135	48	2 x 302	80.5	149

** The energetic values in the table are referred to the LED + Power supply.
- CCT 2200K and 2700K on demand.
- LED Type: Lumileds Luxeon 5050
  LED efficacy: 164 lm/W @ Tj=25°, 800 mA, 3000K
  LED efficacy: 169 lm/W @ Tj=25°, 800 mA, 4000K
- Life time specifi cation for gradual light output degradation
  (EN 62722-2-1, LM80 data) 120,000h L90B10 (Tq = 25°C).
- Color rendering index (Ra): ≥ 80
- Angular color uniformity Δu'v' ≤ 0,003
- Photobiological risk (IEC/TR 62778): RG1 Unlimited

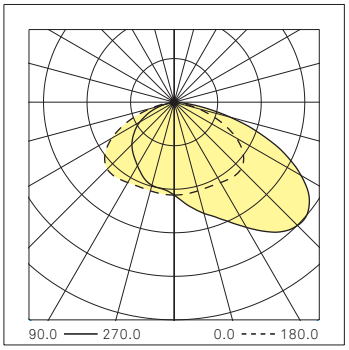
Driver

Driver functions
1-10V + NCL (Analogic control + Neri Constant Lumen)
DALI + NCL (Digital control + Neri Constant Lumen)
NVL6H + NCL (Autodimming -30% x 6h + Neri Constant Lumen)
ON-OFF + NCL (On-Off + Neri Constant Lumen)

POLAR DIAGRAMS

Type IV – A

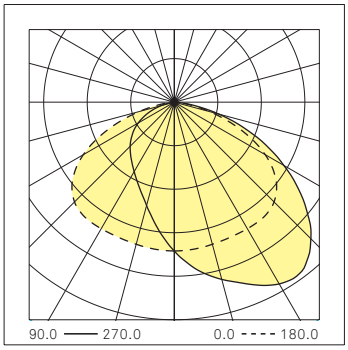
Luminous intensity class G*6



CIE Flux code				
N.1	N.2	N.3	N.4	N.5
37	74	96	100	100

Type IV - C

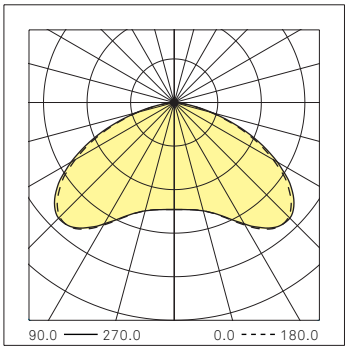
Luminous intensity class G*6



CIE Flux code				
N.1	N.2	N.3	N.4	N.5
42	78	97	100	100

Type V - A

Luminous intensity class G*6



CIE Flux code				
N.1	N.2	N.3	N.4	N.5
35	75	96	100	100

NERI

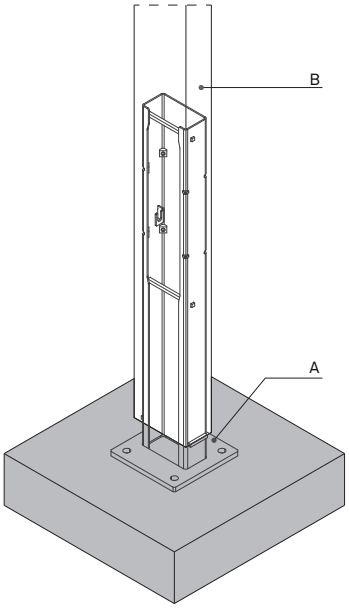
Pictor System
Cod. **LSPIC**

Technical sheet
Rev. 03 - 2023/09/25

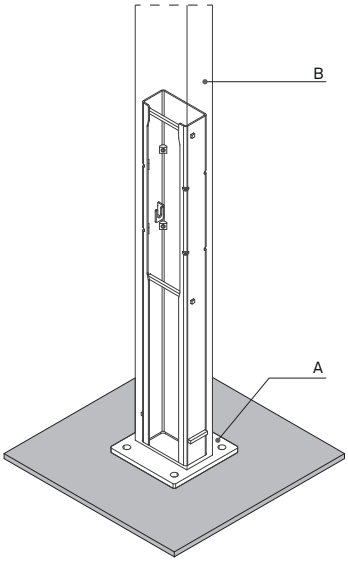
MOUNTING

The Pictor system allows several types of installation on the ground.
The system is set-up for mounting with flange and hidden flange (positioned 100 mm below the final pavement level) and also with embedded root to be cemented to the foundation plinth.
A post base cover accessory is available on request.

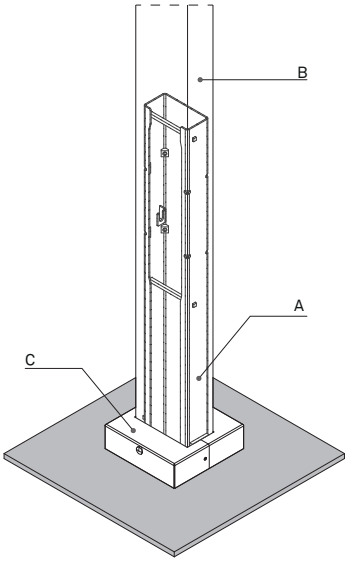
Mounting with hide flange



Mounting with flange



Mounting with post base cover

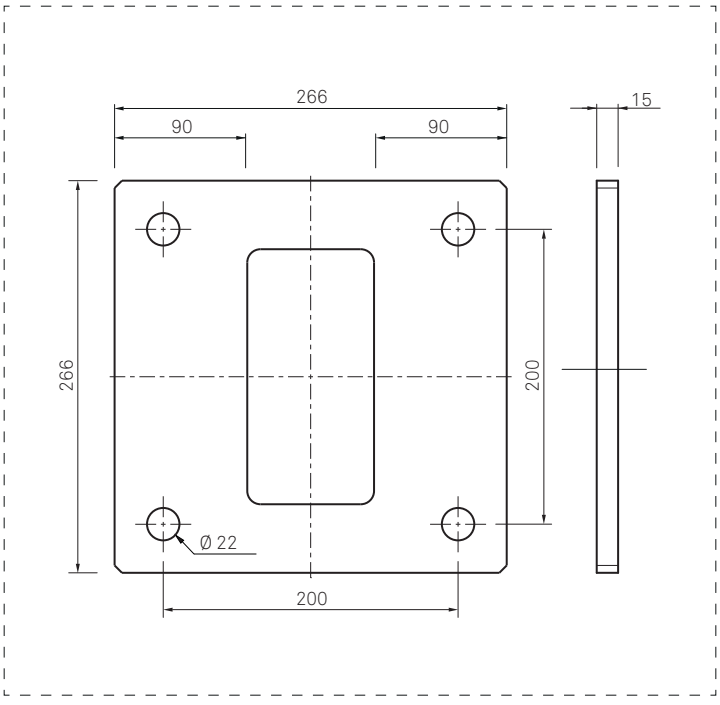


Ground fixing element - Flange (A)
Cod. 9525.389.009

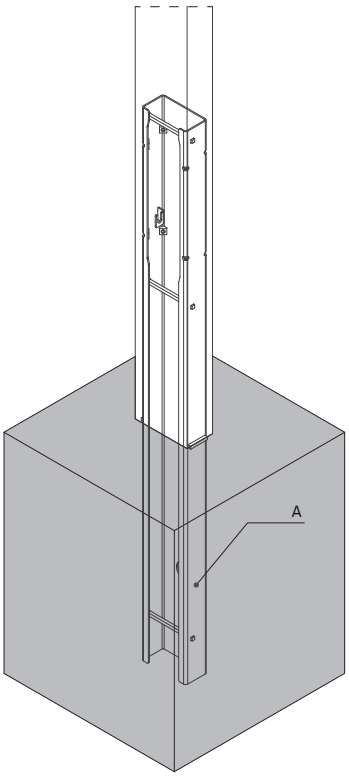
Post (B)
Cod. 9515.147.001 - h 4m, single arm
Cod. 9515.147.003 - h 4m, double arm
Cod. 9515.147 - h 5m, single arm
Cod. 9515.147.004 - h 5m, double arm
Cod. 9515.147.007 - h 5m, staggered arm
Cod. 9515.147.002 - h 6m, single arm
Cod. 9515.147.005 - h 6m, double arm
Cod. 9515.147.006 - h 6m, staggered arm

Post base cover (C)
Cod. OPPIC0000S000001

Flange detail - measures in mm



Embedded root - Concrete



Ground fixing element (A)
Cod. 9525.389.007

NERI

Pictor System

Cod. **LSPIC**

Technical sheet

Rev. 03 - 2023/09/25

CLADDING

The Pictor system allows the installation of a decorative cladding* avalaible in three different finishes.
Dimensions for post H 4m:
3740 mm x 160 mm
Dimensions for post H 5m:
4740 mm x 160 mm
Dimensions for post H 6m:
5740 mm x 160 mm

*The cladding can be configured in the version with a single luminaire only and will be positioned on the front frame (Fig. 1).

Wood finish
Cod. 9515.137.011A - H post 4m
Cod. 9515.137.012A - H post 5m
Cod. 9515.137.013A - H post 6m

Bronze finish
Cod. 9515.137.017A - H post 4m
Cod. 9515.137.018A - H post 5m
Cod. 9515.137.019A - H post 6m

White aluminium finish
Cod. 9515.137.014A - H post 4m
Cod. 9515.137.015A - H post 5m
Cod. 9515.137.016A - H post 6m

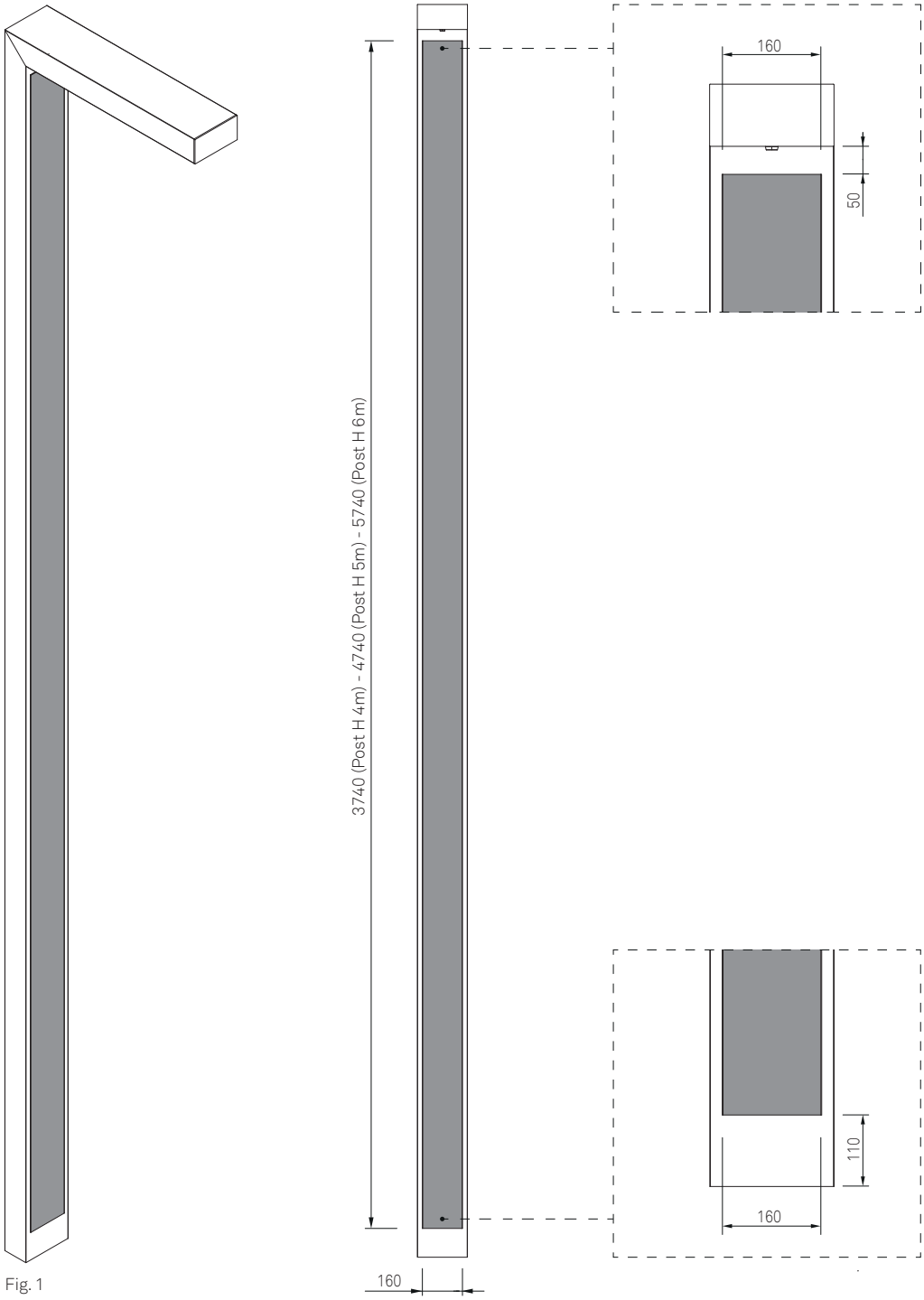


Fig. 1

COLOUR

Standard colour for the system is Neri grey.
Finishes available for decorative cladding:
- Wood
- Bronze
- White aluminium

Neri grey | Wood | Bronze | White aluminium RAL 9006

NERI

Pictor System

Cod. **LSPIC**

Technical sheet

Rev. 03 - 2023/09/25

DECORATIVE LED MODULE

The Pictor system allows the installation of a decorative LED module* in all available versions; the module is equipped with a customizable protection screen.
The available dimensions are 1000mm x 80mm and 320mm x 80mm.

Available CCT:
3000K, 4000K, RGB

Driver functions
ON-OFF, DMX

Insulation class
CLII ⧈ - CLI ⏚

*Only one decorative LED module can be installed in each chosen configuration.
The module can be positioned at a minimum height of 1600 mm on the front frame (Fig. 1) or on the rear frame (post hatch) (Fig. 2).

Decorative LED module (h 320mm)
Cod. OPPIC0000S000002 - 3000K
Cod. OPPIC0000S000003 - 4000K
Cod. OPPIC0000S000004 - RGB

Decorative LED module (h 1000mm)
Cod. OPPIC0000S000005 - 3000K
Cod. OPPIC0000S000006 - 4000K
Cod. OPPIC0000S000007 - RGB

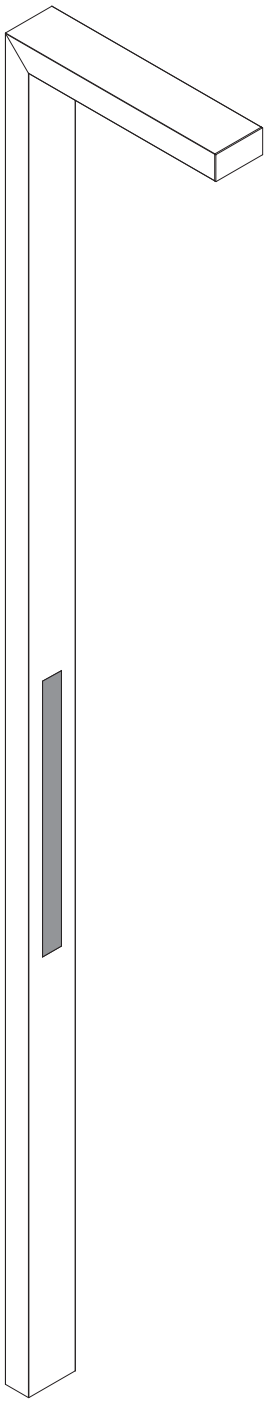


Fig. 1

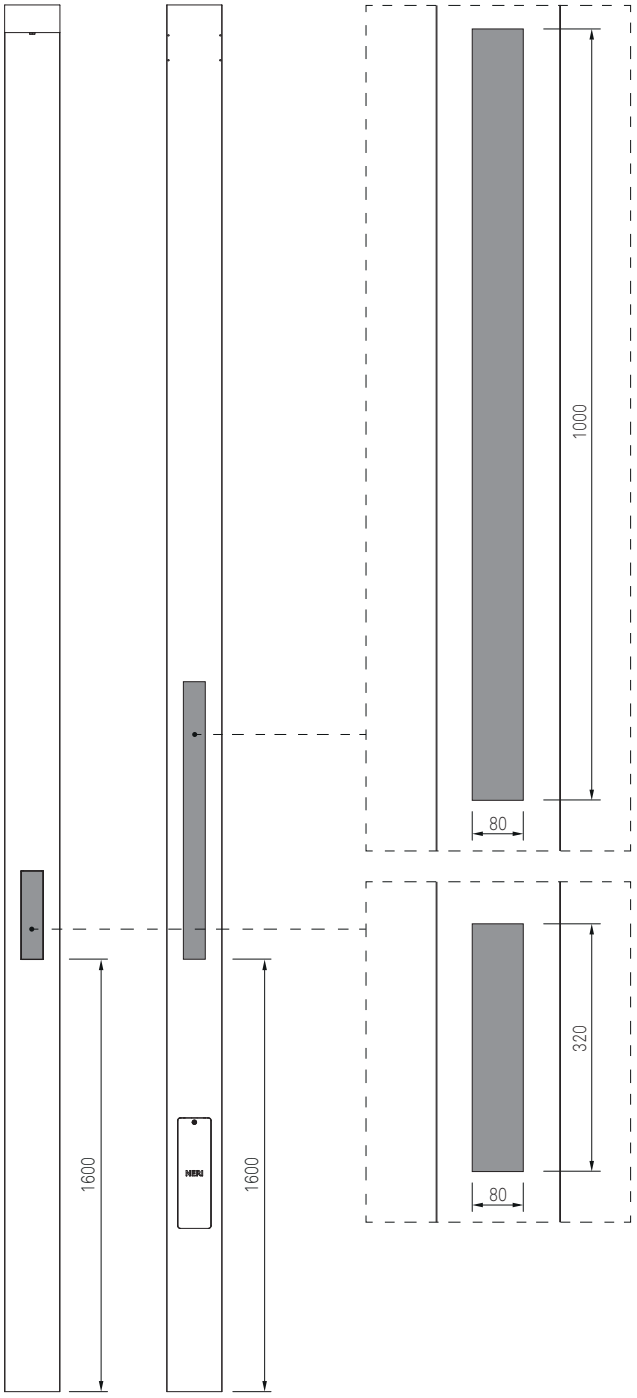


Fig. 2

NERI

Pictor System
Post base cover
Cod. OPPIC0000S000001

Technical sheet
Rev. 03 - 2023/09/25

POST BASE COVER ACCESSORY

Post base cover for posts with rectangular section 100 x 200 mm.

Materials
- Galvanized steel sheet.
- Stainless steel screws.
- Plastic closing cap.

Structure – Main components
- The base cover is made up by two piece "clam-shell" cover in steel sheet, 2 mm thick.

Dimensions and weight
- Length: 286 mm.
- Width: 286 mm.
- Height: 80 mm.
- Weight: 2.50 Kg.

Fixing
- The base cover is designed for post attachment in two places with n.2 M8 screws.

Protection of the surfaces
- See the specific descriptions on the painting cycles of the materials.

Operations and maintenance
- Refer to the product installation and maintenance manual.
- It is the responsibility of the installer to install correctly in accordance with applicable regulations.

Finish
- Standard colors: Neri grey, pure white (RAL9010), jet black (RAL9005), moss green (RAL6005), white aluminium (RAL9006), grey aluminium (RAL9007).

DRAWINGS