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

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

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

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

4 - Post hatch

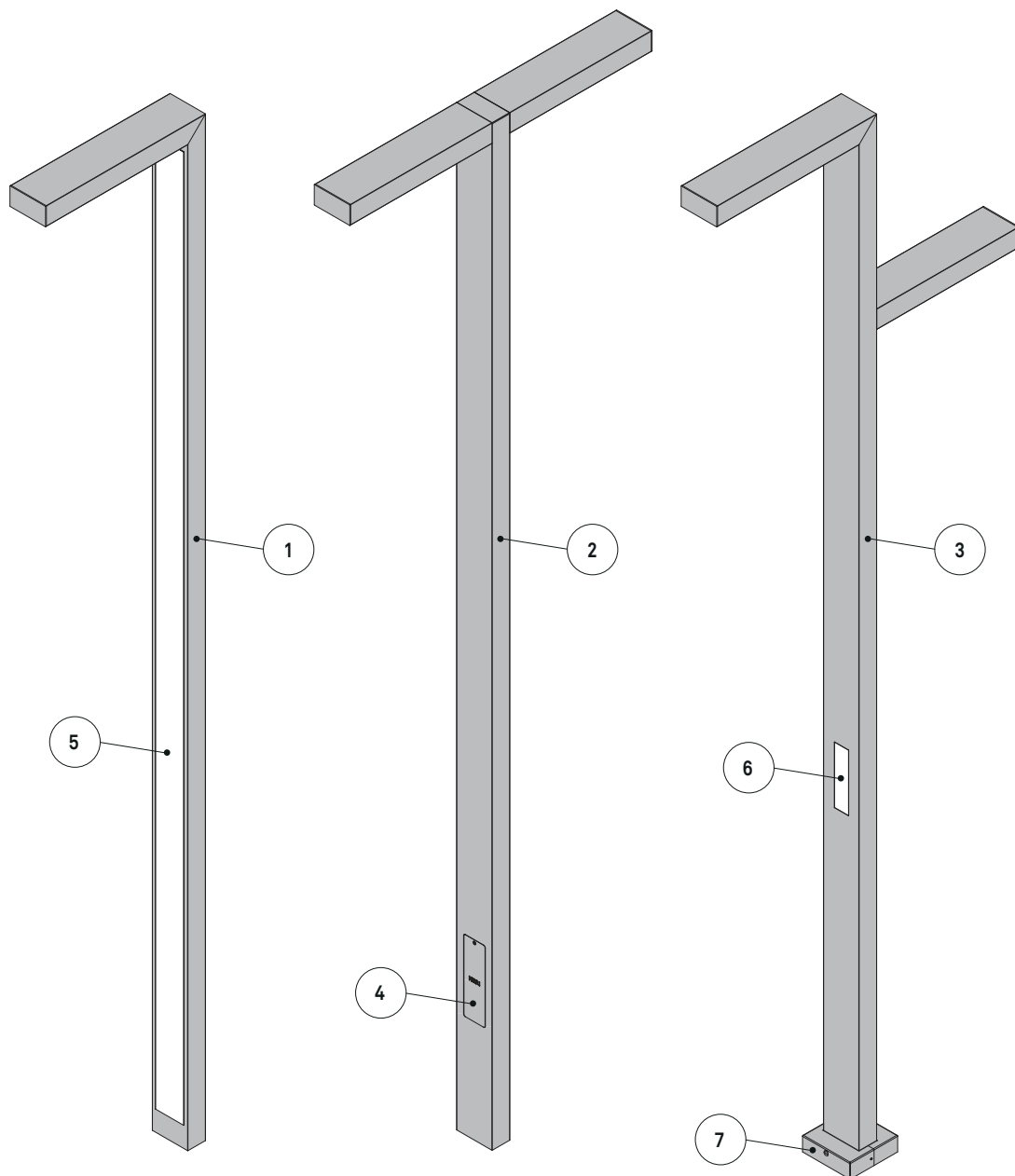
5 - Cladding accessory available in three different finishes.

6 - Decorative LED module accessory

7 - Base post cover accessory

Other accessories available on request:

- Terminal block
- PIR presence detector
- Zhaga connector
- NEMA Socket (3 or 7 pin)



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 m²

Materials

- Lamp post in extruded aluminium.
- Fixing 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 (length 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.

Root mounting

- With root to be cemented to the foundation plinth (root depth 800 mm).

Flange mounting

- Square flange 250 x 250 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)

- Base post cover accessory
- LED decorative module
- Decorative cladding - Wood, bronze and white aluminium finishes.
- Terminal block

LIGHTING FIXTURE

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.



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.

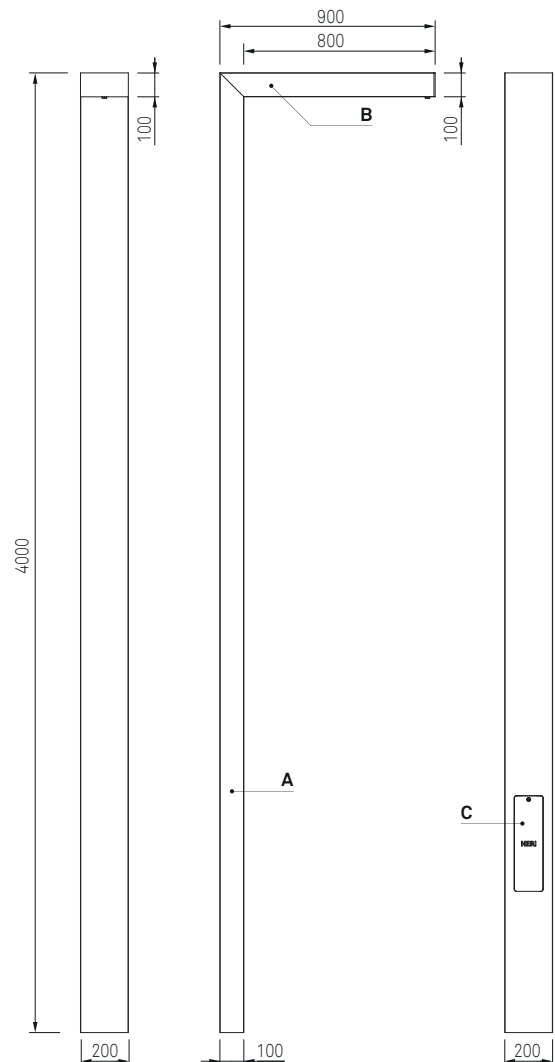
Electrical auxiliaries

- 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 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



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 m²

Materials

- Lamp post in extruded aluminium.
- Fixing 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.

Root mounting

- With root to be cemented to the foundation plinth (root depth 800 mm).

Flange mounting

- Square flange 250 x 250 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)

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Compliance

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Electrical characteristics

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

Materials

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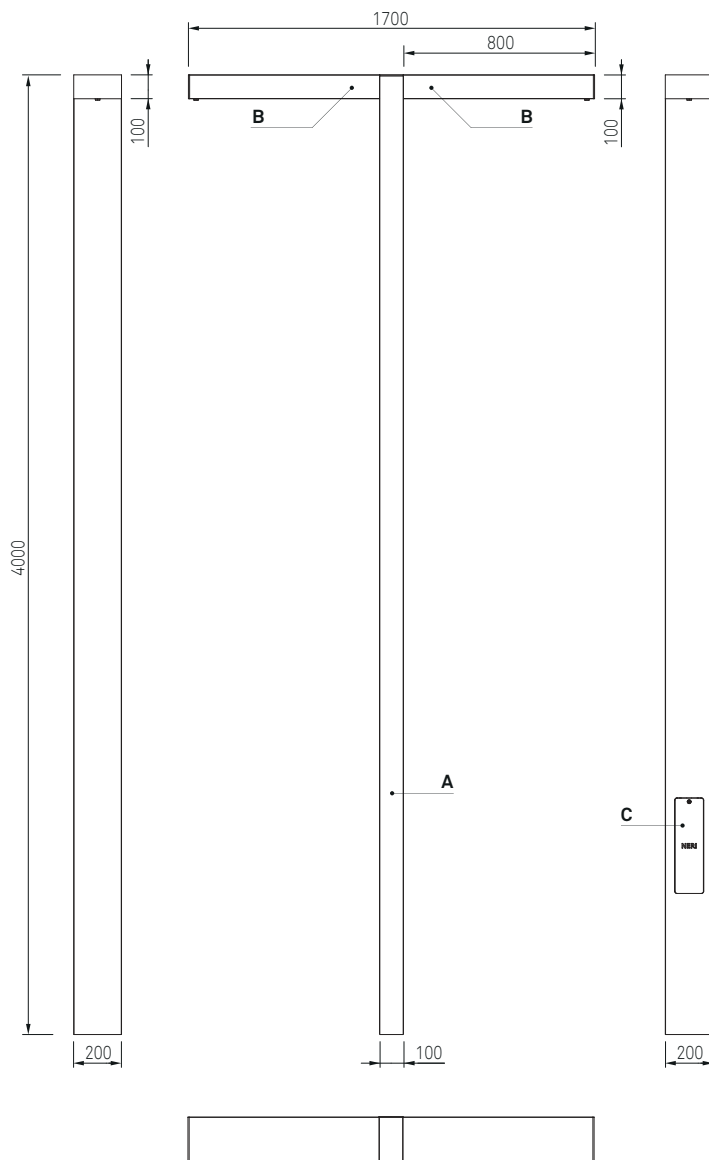
Electrical auxiliaries

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- Input power cable with PG13.5 (Ø 6-12mm).
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Accessories (on request)

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

DRAWINGS



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 m²

Materials

- Lamp post in extruded aluminium.
- Fixing 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 (length 900 mm) with integrated lighting system.

Standard equipment

- Slot (400 x 122 mm) for installation of terminal board, with or without fuse.
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- Terminal block

LIGHTING FIXTURE

Compliance

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Electrical characteristics

Voltage	Frequency	Cos φ	Insulation class	Operative Temp.
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- Integrated heat sink in aluminium.
- White internal reflector.
- Dedicated space for any surge protection devices or remote control systems.

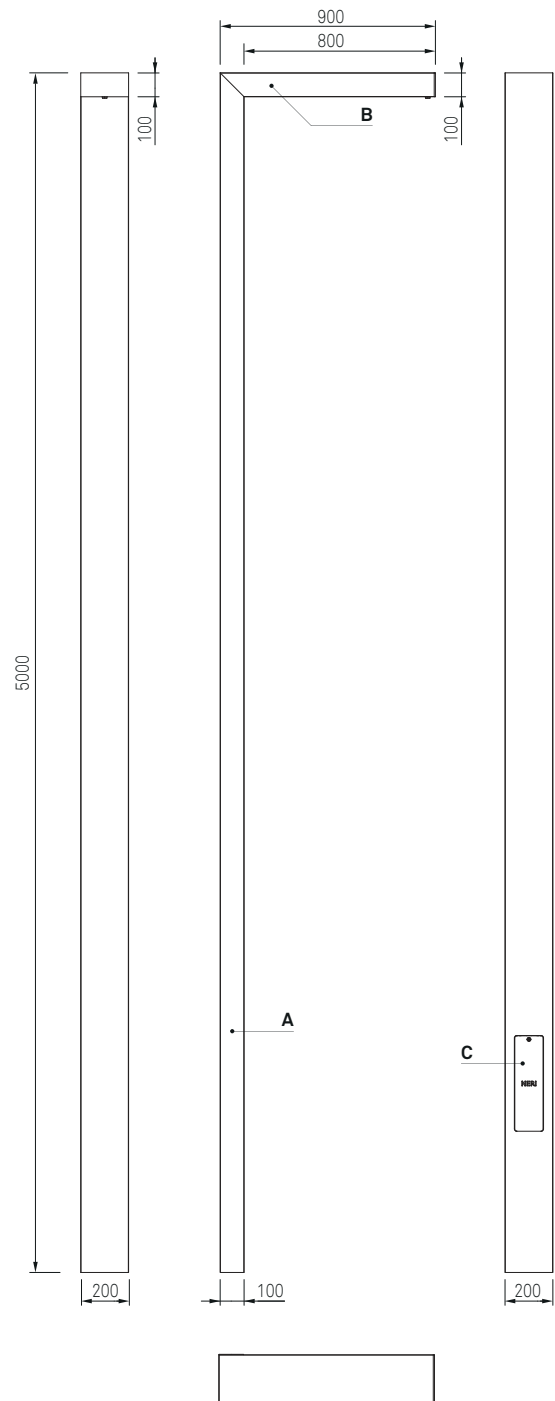
Electrical auxiliaries

- Electronic power supply with protection against short circuits, overheating and power surges with an estimated B10 duration of 100,000 h.
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- Input power cable with PG13.5 (Ø 6-12mm).
- Supplied with cable
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Accessories (on request)

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

DRAWINGS



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 m²

Materials

- Lamp post in extruded aluminium.
- Fixing 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.
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Root mounting

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- Square flange 250 x 250 mm (thickness 15 mm) with blunted edges, for mounting with four anchors bolts to the foundation plinth (anchors bolts are not supplied).
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- Base post cover accessory
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- Terminal block

LIGHTING FIXTURE

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.
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- Aluminium sheet.
- Stainless steel screws.

Structure - Main components

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- Integrated heat sink in aluminium.
- White internal reflector.
- Dedicated space for any surge protection devices or remote control systems.

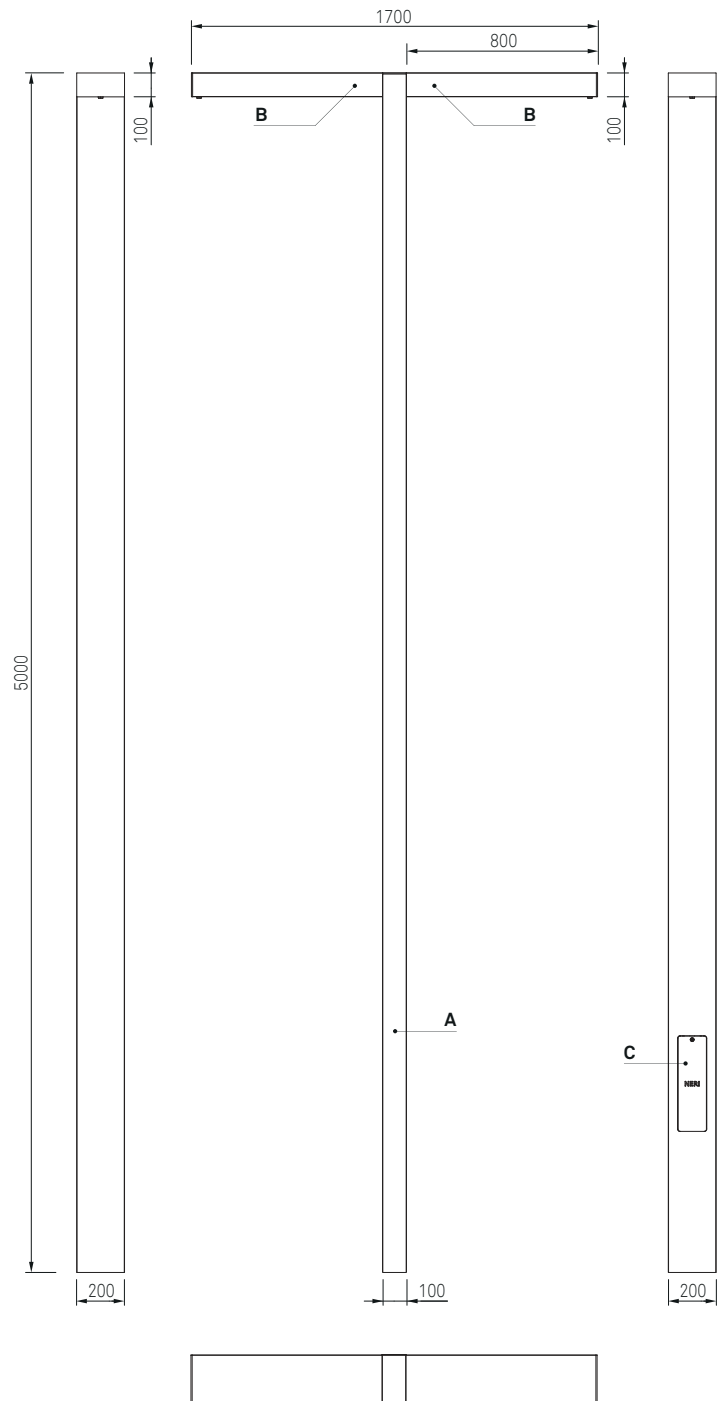
Electrical auxiliaries

- Electronic power supply with protection against short circuits, overheating and power surges with an estimated B10 duration of 100,000 h.
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Accessories (on request)

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

DRAWINGS



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 m²

Materials

- Lamp post in extruded aluminium.
- Fixing 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 (length 900 mm) with integrated lighting system.

Standard equipment

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- Square flange 250 x 250 mm (thickness 15 mm) with blunted edges, for mounting with four anchors bolts to the foundation plinth (anchors bolts are not supplied).
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Accessories (on request)

- Base post cover accessory
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LIGHTING FIXTURE

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220-240V	50-60Hz	> 0,9	CL II	-25°C / +50°C

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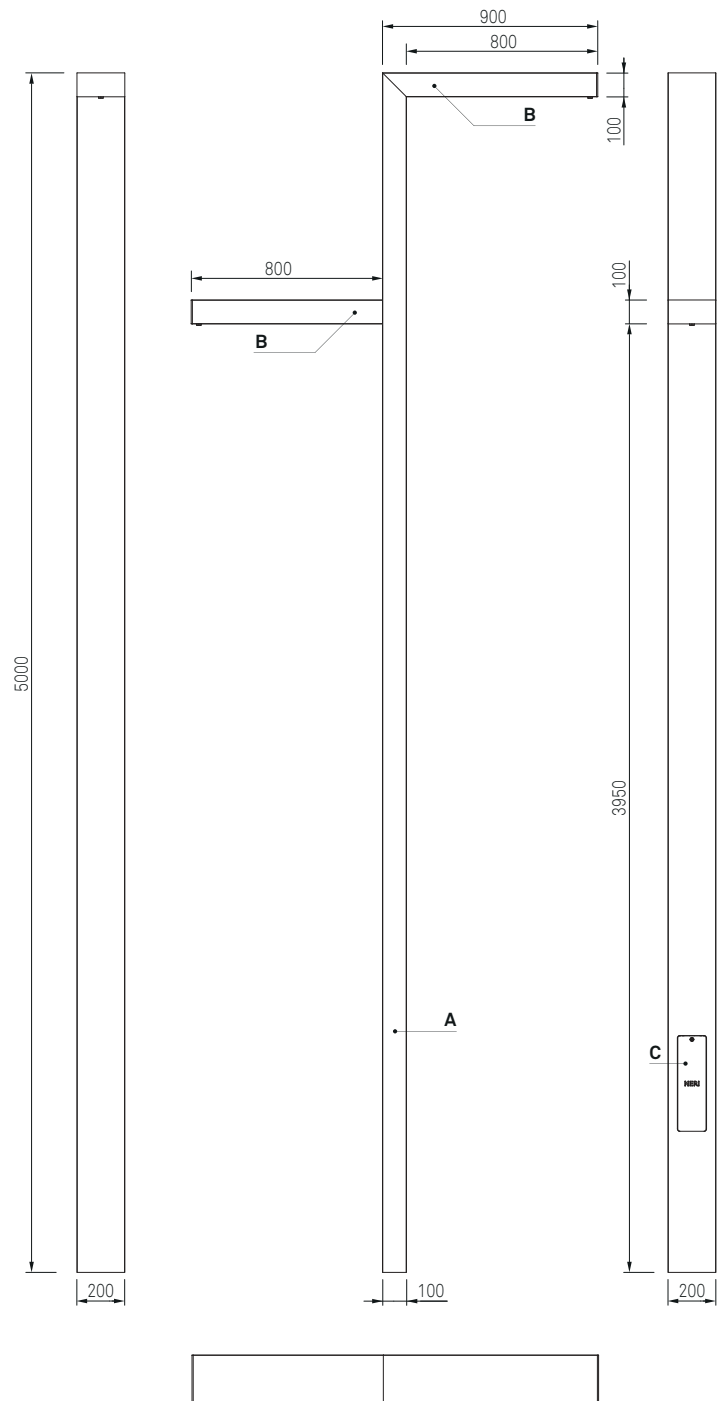
Electrical auxiliaries

- 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 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



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 m²

Materials

- Lamp post in extruded aluminium.
- Fixing 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 (length 900 mm) with integrated lighting system.

Standard equipment

- Slot (400 x 122 mm) for installation of terminal board, with or without fuse.
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Root mounting

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Flange mounting

- Square flange 250 x 250 mm (thickness 15 mm) with blunted edges, for mounting with four anchors bolts to the foundation plinth (anchors bolts are not supplied).
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- Powder coating.
- Standard colors: Neri grey, pure white (RAL9010), jet black (RAL9005), moss green (RAL6005), white aluminium (RAL9006), grey aluminium (RAL9007).

Accessories (on request)

- Base post cover accessory
- LED decorative module
- Decorative cladding - Wood, bronze and white aluminium finishes.
- Terminal block

LIGHTING FIXTURE

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.



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.
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- Integrated heat sink in aluminium.
- White internal reflector.
- Dedicated space for any surge protection devices or remote control systems.

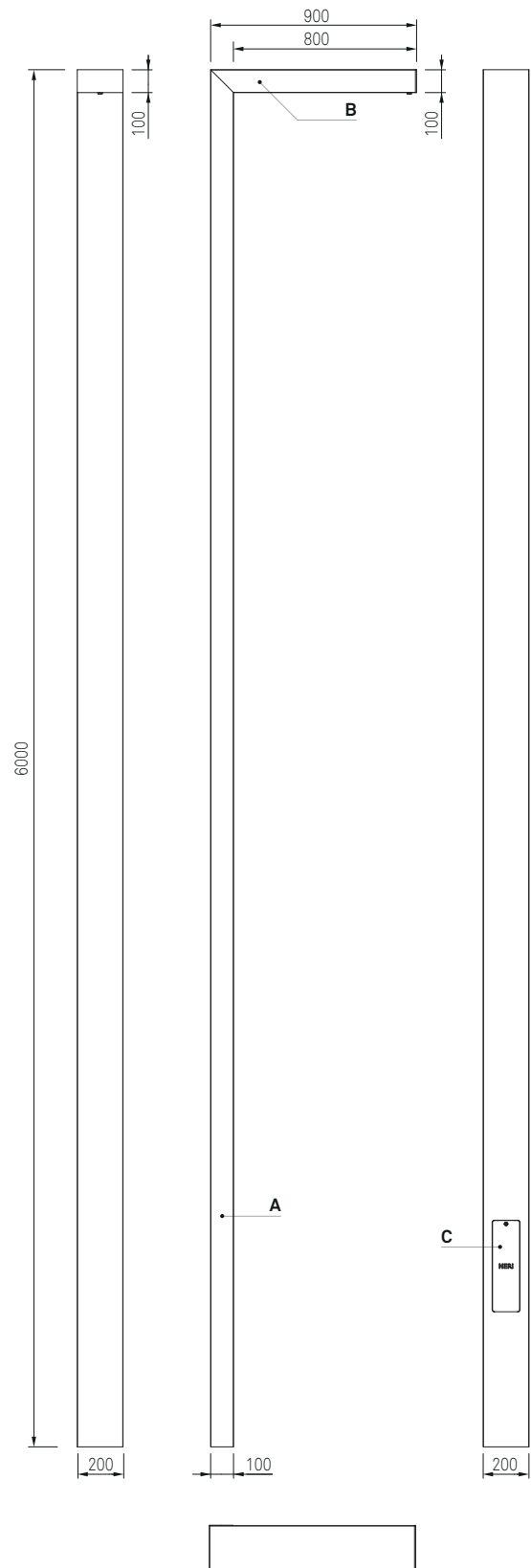
Electrical auxiliaries

- 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 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



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 m²

Materials

- Lamp post in extruded aluminium.
- Fixing 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.
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Root mounting

- With root to be cemented to the foundation plinth (root depth 800 mm).

Flange mounting

- Square flange 250 x 250 mm (thickness 15 mm) with blunted edges, for mounting with four anchors bolts to the foundation plinth (anchors bolts are not supplied).
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Accessories (on request)

- Base post cover accessory
- LED decorative module
- Decorative cladding - Wood, bronze and white aluminium finishes.
- Terminal block

LIGHTING FIXTURE

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.
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- Integrated heat sink in aluminium.
- White internal reflector.
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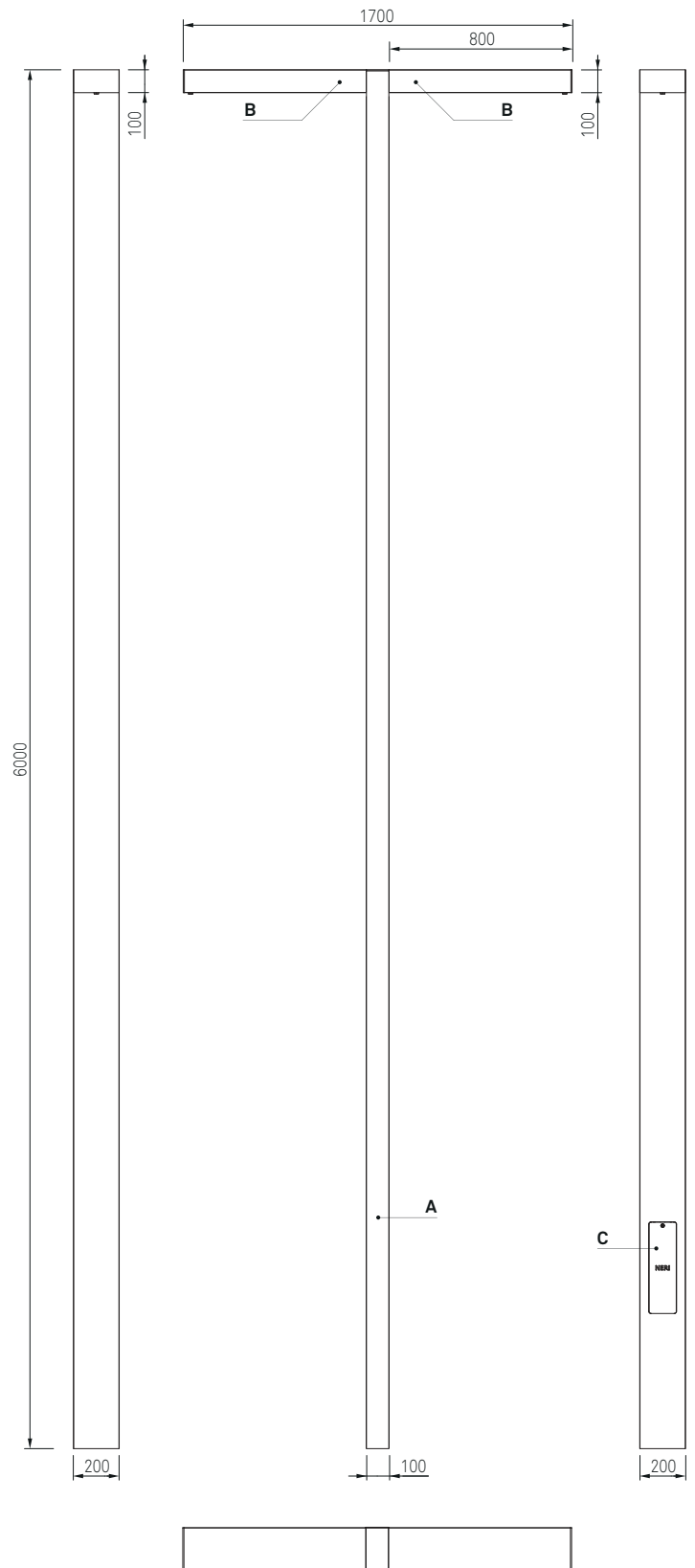
Electrical auxiliaries

- Electronic power supply with protection against short circuits, overheating and power surges with an estimated B10 duration of 100,000 h.
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- Supplied with 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



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 m²

Materials

- Lamp post in extruded aluminium.
- Fixing 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.
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Accessories (on request)

- Base post cover accessory
- LED decorative module
- Decorative cladding - Wood, bronze and white aluminium finishes.
- Terminal block

LIGHTING FIXTURE

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Voltage	Frequency	Cos ϕ	Insulation class	Operative Temp.
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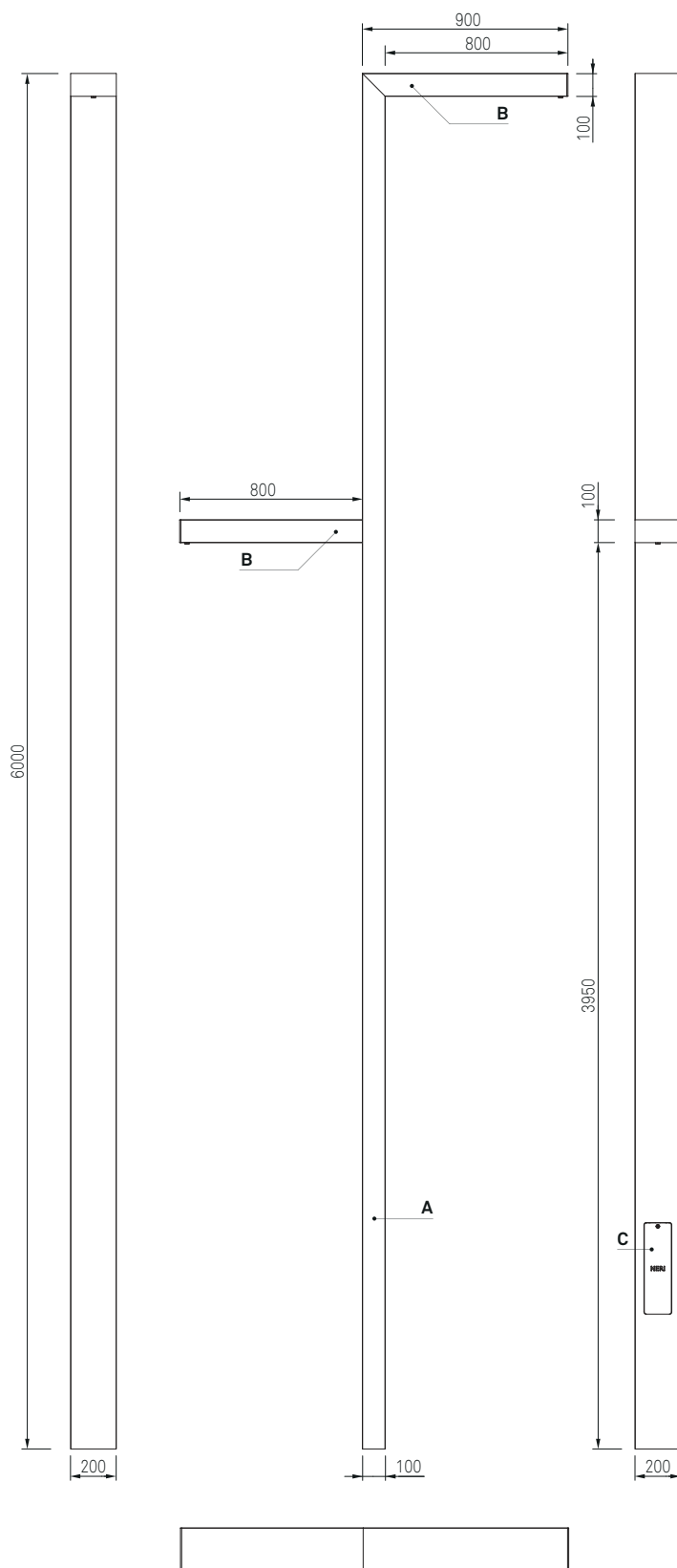
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Accessories (on request)

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

DRAWINGS



LIGHTING FIXTURE 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 $\gamma \geq 90^\circ$: < 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	43.7	137	32	2 x 218	38.1	158
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 specification 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 $\Delta u'v' \leq 0,003$
- 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)

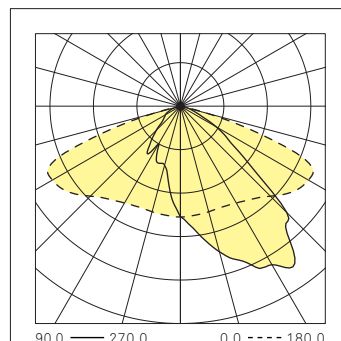
NVL6H + NCL (Autodimming -30% x 6h + Neri Constant Lumen)

ON-OFF + NCL (On-Off + Neri Constant Lumen)

POLAR DIAGRAMS

Type II - D

Luminous intensity class G*4

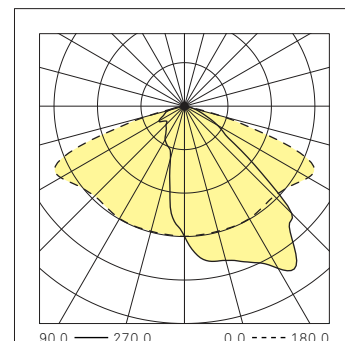


CIE Flux code				
N.1	N.2	N.3	N.4	N.5
40	77	98	100	100



Type III - B

Luminous intensity class G*4

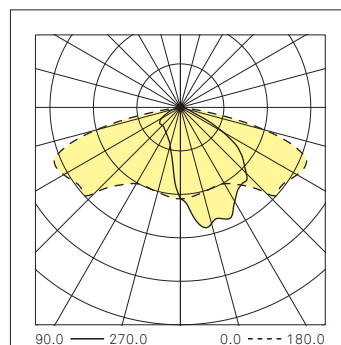


CIE Flux code				
N.1	N.2	N.3	N.4	N.5
42	77	98	100	100



Type III - C

Luminous intensity class G*2

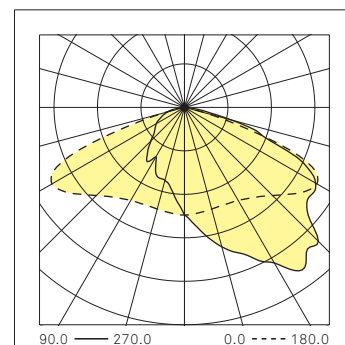


CIE Flux code				
N.1	N.2	N.3	N.4	N.5
34	70	96	100	100



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



LIGHTING FIXTURE 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 efficiency of the device due to physical shielding.
- Modular (2 X 2) refractive lens in PMMA.
- Maximum luminous intensity class $\gamma \geq 90^\circ$: $< 0.49 \text{ cd/klm}$.
- 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	43.7	137	32	2 x 218	38.1	158
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 @ $T_j=25^\circ$, 800 mA, 3000K
LED efficacy: 169 lm/W @ $T_j=25^\circ$, 800 mA, 4000K
- Life time specification for gradual light output degradation (EN 62722-2-1, LM80 data) 100,000h L90B10 ($T_q = 25^\circ\text{C}$).
- Color rendering index (Ra): ≥ 80
- Angular color uniformity $\Delta u'v' \leq 0.003$
- 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)

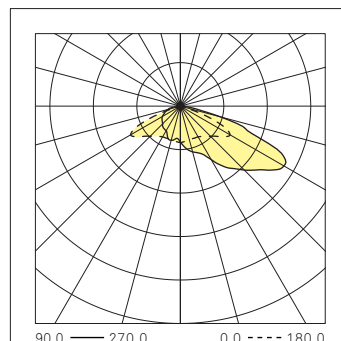
NVL6H + NCL (Autodimming -30% x 6h + Neri Constant Lumen)

ON-OFF + NCL (On-Off + Neri Constant Lumen)

POLAR DIAGRAMS

Type IV - A

Luminous intensity class G*4

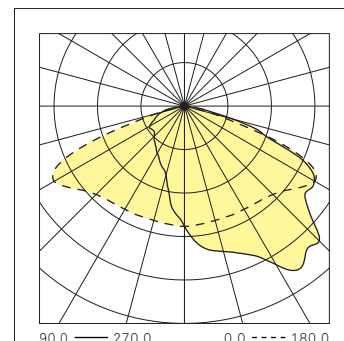


CIE Flux code					
N.1	N.2	N.3	N.4	N.5	
26	63	95	100	100	



Type IV - C

Luminous intensity class G*6

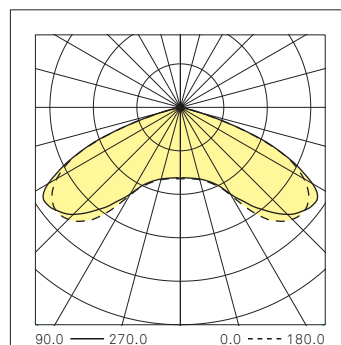


CIE Flux code					
N.1	N.2	N.3	N.4	N.5	
34	70	96	100	100	



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	



LIGHTING FIXTURE 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 $\gamma \geq 90^\circ$: < 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 @ $T_j = 25^\circ$, 800 mA, 3000K
LED efficacy: 169 lm/W @ $T_j = 25^\circ$, 800 mA, 4000K
- Life time specification for gradual light output degradation
(EN 62722-2-1, LM80 data) 120,000h L90B10 ($T_q = 25^\circ\text{C}$).
- Color rendering index (Ra): ≥ 80
- Angular color uniformity $\Delta u'v' \leq 0,003$
- 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)

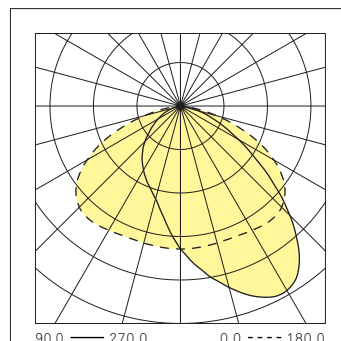
NVL6H + NCL (Autodimming -30% x 6h + Neri Constant Lumen)

ON-OFF + NCL (On-Off + Neri Constant Lumen)

POLAR DIAGRAMS

Type II - D

Luminous intensity class G*6

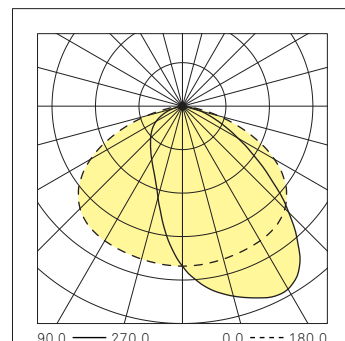


CIE Flux code				
N.1	N.2	N.3	N.4	N.5
46	81	97	100	100



Type III - B

Luminous intensity class G*6

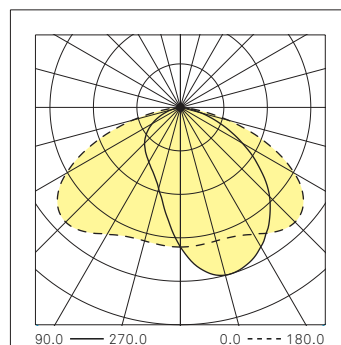


CIE Flux code				
N.1	N.2	N.3	N.4	N.5
47	81	97	100	100



Type III - C

Luminous intensity class G*6

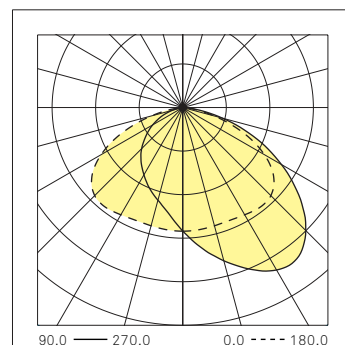


CIE Flux code				
N.1	N.2	N.3	N.4	N.5
42	78	97	100	100



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



LIGHTING 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 efficiency of the device due to physical shielding.
- Modular (2 X 2) refractive lens in PMMA.
- Maximum luminous intensity class $\gamma \geq 90^\circ$: $< 0.49 \text{ cd/klm}$.
- 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 @ $T_j=25^\circ$, 800 mA, 3000K
LED efficacy: 169 lm/W @ $T_j=25^\circ$, 800 mA, 4000K
- Life time specification for gradual light output degradation (EN 62722-2-1, LM80 data) 120,000h L90B10 ($T_q = 25^\circ\text{C}$).
- Color rendering index (Ra): ≥ 80
- Angular color uniformity $\Delta u'v' \leq 0.003$
- 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)

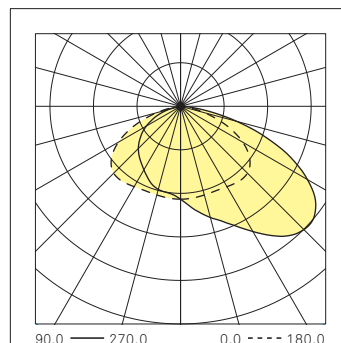
NVL6H + NCL (Autodimming -30% x 6h + Neri Constant Lumen)

ON-OFF + NCL (On-Off + Neri Constant Lumen)

POLAR DIAGRAMS

Type IV - A

Luminous intensity class G*6

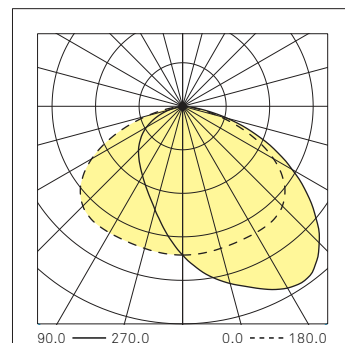


CIE Flux code				
N.1	N.2	N.3	N.4	N.5
37	74	96	100	100



Type IV - C

Luminous intensity class G*6

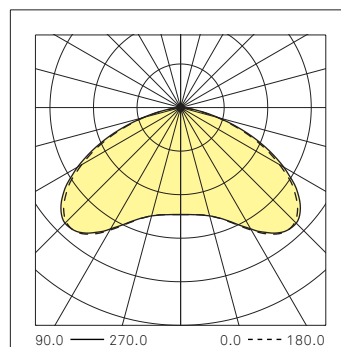


CIE Flux code				
N.1	N.2	N.3	N.4	N.5
42	78	97	100	100



Type V - A

Luminous intensity class G*6



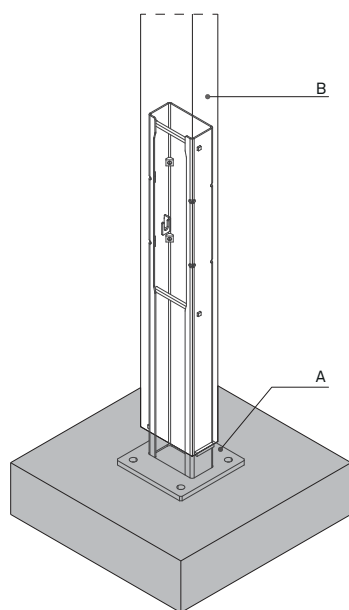
CIE Flux code				
N.1	N.2	N.3	N.4	N.5
35	75	96	100	100



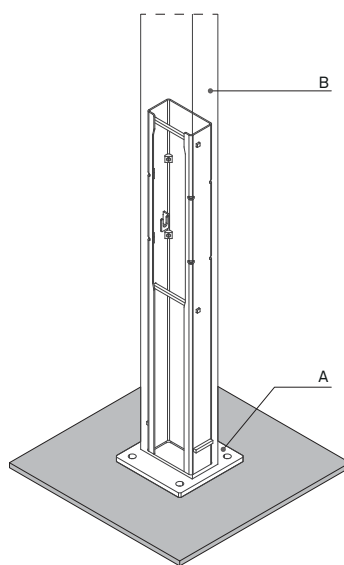
MOUNTING

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 root to be cemented to the foundation plinth.
It's available (on request) the base post cover accessory.

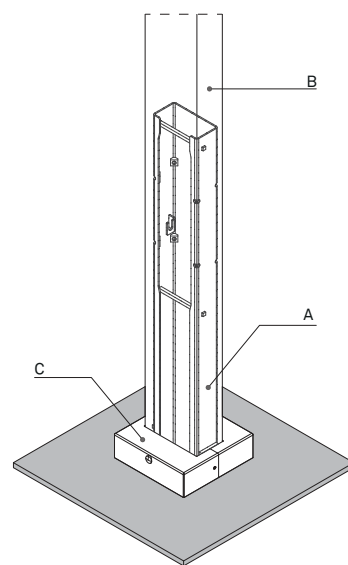
Mounting with hide flange



Mounting with flange



Mounting with base post cover

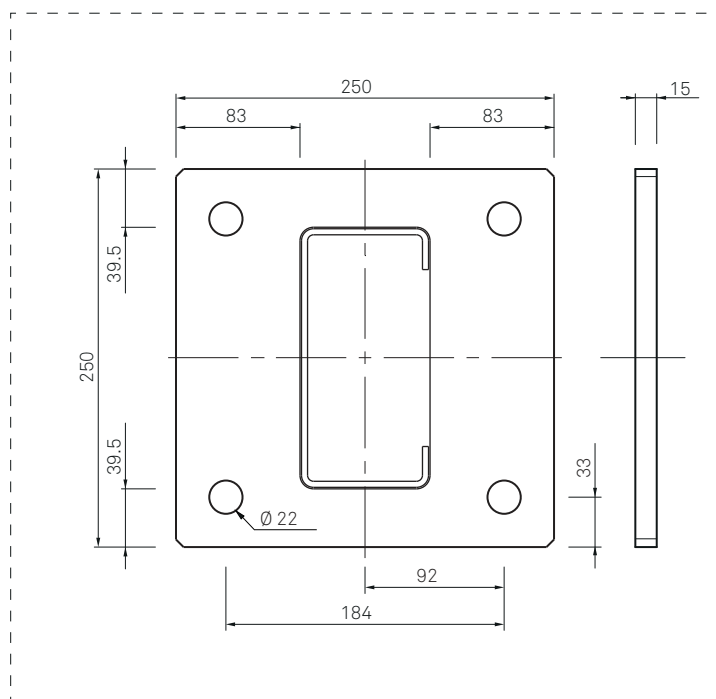


Ground fixing element - Flange (A)
Cod. 9525.389.009

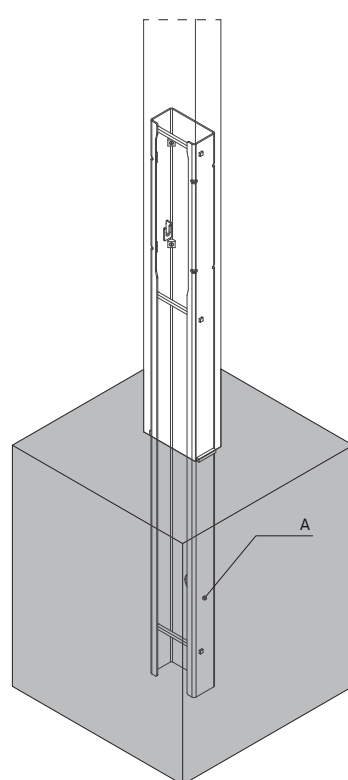
Post (B)
Cod. 9515.147.001 - h 4m, single arm
Cod. 9515.147.003 - h 4m, double arm
Cod. 9515.147 - h 5m, single arm
Cod. 9515.147.004 - h 5m, double arm
Cod. 9515.147.007 - h 5m, staggered arm
Cod. 9515.147.002 - h 6m, single arm
Cod. 9515.147.005 - h 6m, double arm
Cod. 9515.147.006 - h 6m, staggered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

Base post cover (C)
Cod. OPPIC0000S000001

Flange detail - measures in mm



Ground fixing element - Concrete



Ground fixing element (A)
Cod. 9525.389.007

CLADDING

The Pictor system allows the installation of a decorative cladding* available 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 lighting fixture 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

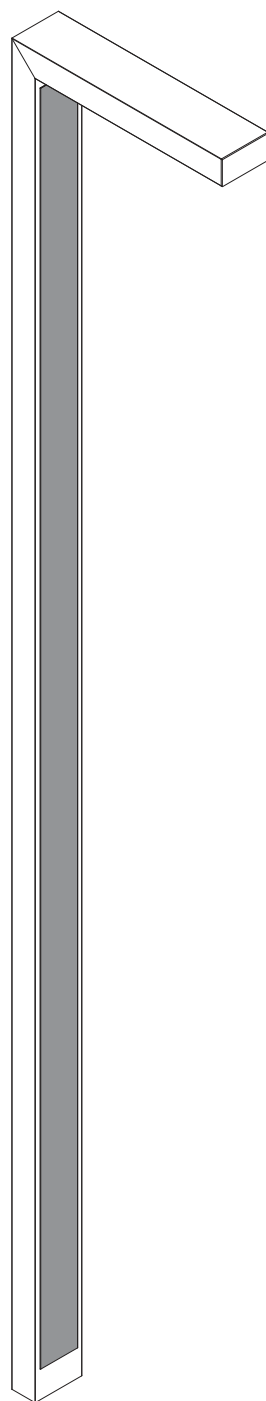
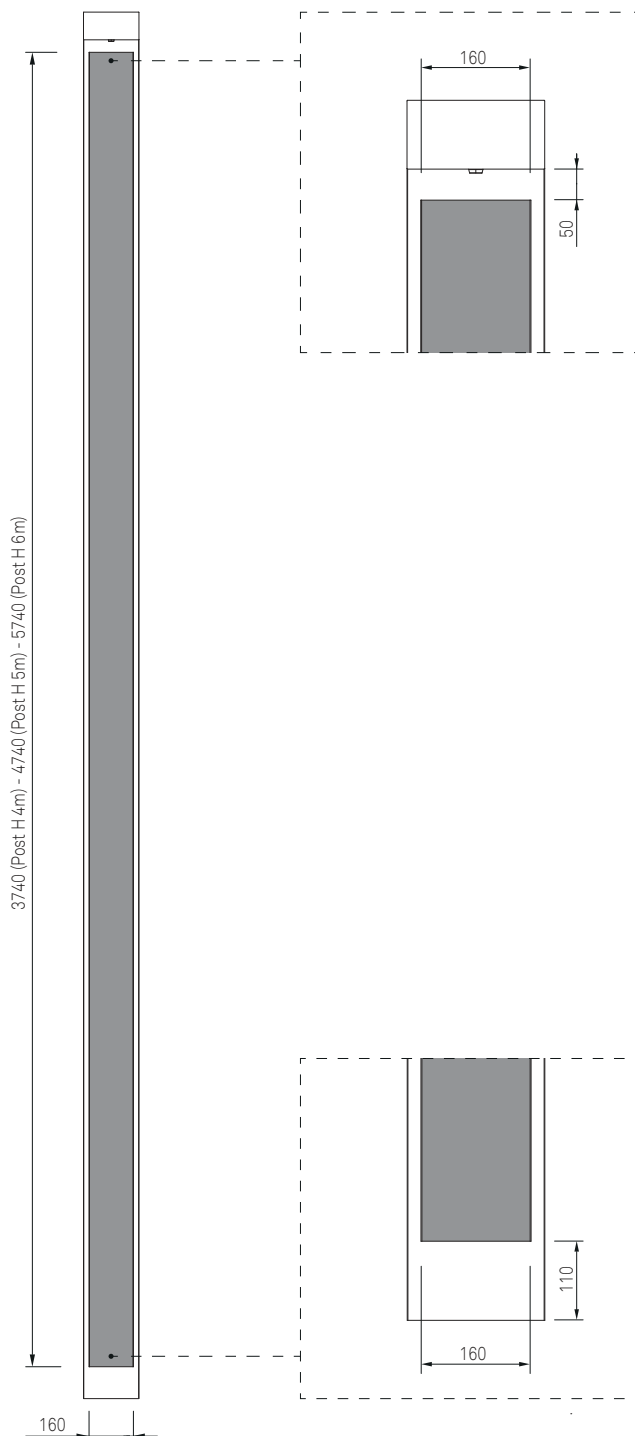


Fig. 1

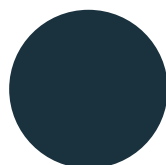


COLOUR

Standard colour for the system is Neri grey.

Finishes available for decorative cladding:

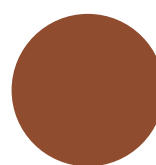
- Wood
- Bronze
- White aluminium



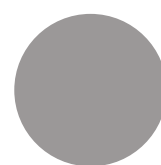
Neri grey



Wood



Bronze



White aluminium
RAL 9006

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. OPPIC0000S0000002 - 3000K
Cod. OPPIC0000S0000003 - 4000K
Cod. OPPIC0000S0000004 - RGB

Decorative LED module (h 1000mm)

Cod. OPPIC0000S0000005 - 3000K
Cod. OPPIC0000S0000006 - 4000K
Cod. OPPIC0000S0000007 - RGB

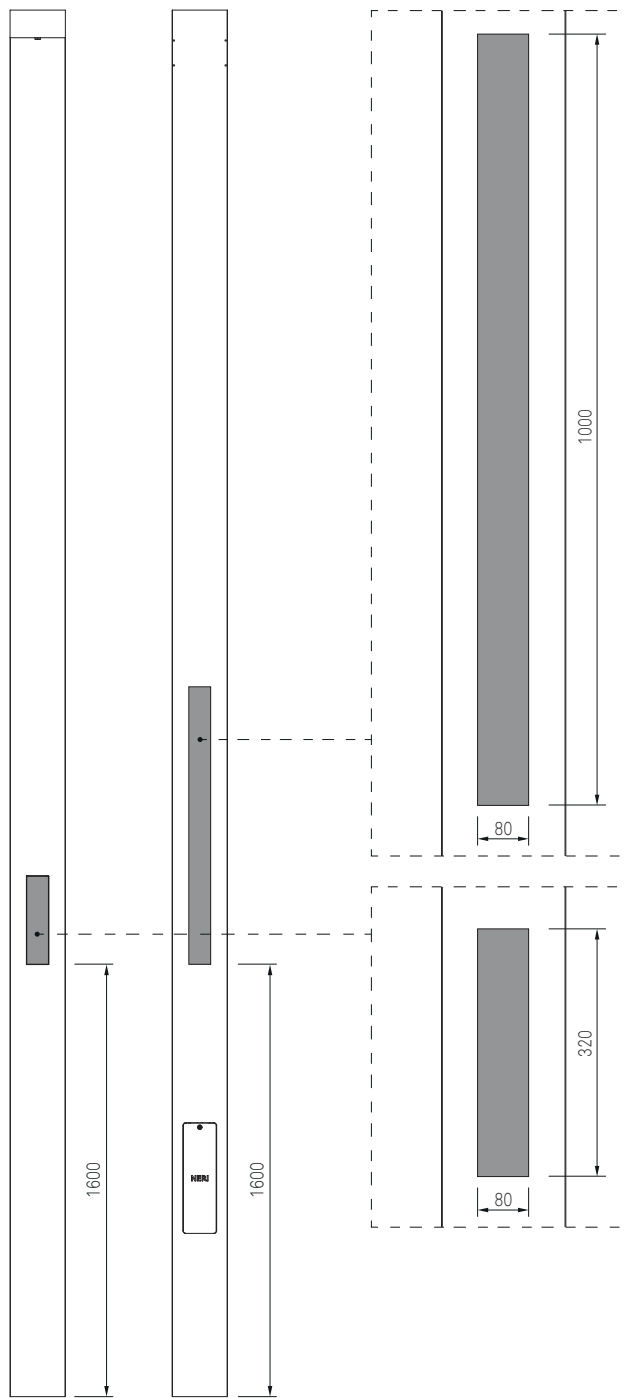
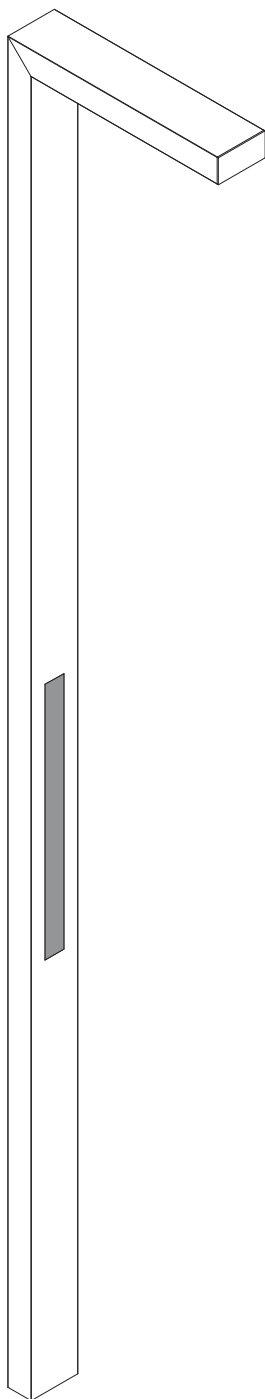


Fig. 1

Fig. 2

FLANGE COVER ACCESSORY

Flange cover for poles with rectangular section 100 x 200 mm.

Materials

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

Structure – Main components

- The flange cover is made up by two cover in steel sheet, 2 mm thick.

Dimensions and weight

- Length: 270 mm.
- Width: 270 mm.
- Height: 80 mm.
- Weight: 2.50 Kg.

Fixing

- The flange cover is designed for post mounting 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

