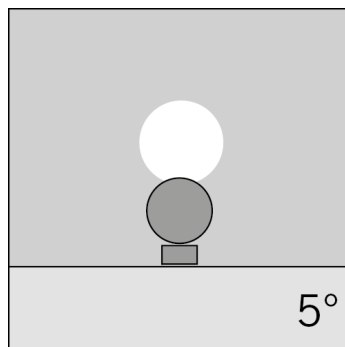
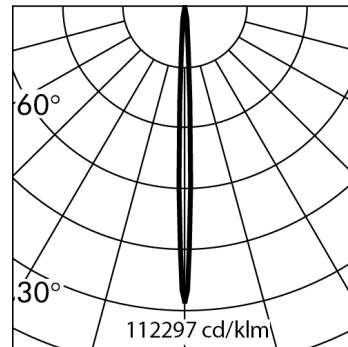
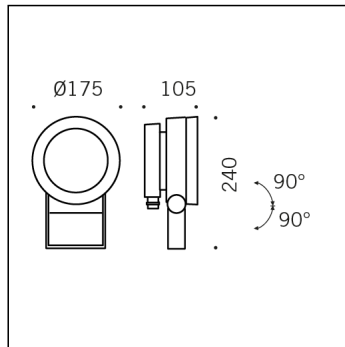


**MINI POINTER 7LED MONOCHROME**



5°		
h(m)	Ø(m)	E(lx)
2	0.16	42190
4	0.32	10548
6	0.48	4688
8	0.64	2637
10	0.80	1688

\*Photometric measured using WHITE LED 3000K

**NEW**  
 Product is expected to be available from September 2024 Version is available on request.

**S.2700N.24 (Anthracite grey)**

7 module LED 4000K 220-240Vac **DIMMABLE DALI2; PUSH** Spotlights



**Light Source Technical Data**

Light source type:	LED
Colour temperature:	4000K
Rated module luminous flux:	1687lm
Rated luminaire luminous flux:	1727lm
Rated module power:	25.9W
Rated luminaire power:	26.4W
Luminaire efficacy:	65lm/W
ULR:	0%
BUG:	B2 - U0 - G0
CIE Flux Code:	99 100 100 100 100
Color Rendering Index:	CRI 80

Standard Deviation Color Matching: MacAdam step 3

**Temperature and life time Technical Data**

LED Lifetime:	L80 B10 70.000h Ta 25°C
	L80 B10 50.000h Ta 40°C
Lifespan of the LUMINAIRE:	min. 70.000h Ta 25°C
	min. 50.000h Ta 40°C
Performance ambient temperature:	Tq 25°C
Operating ambient temperature range:	da -20°C a +50°C
Storage temperature range:	da -20°C a +60°C

**Power Supply Technical Data**

Voltage (AC):	220-240Vac
Voltage (DC):	254-375V (No PUSH DIM)
Dimmable:	DALI2; PUSH PUSH Synchronization: - Max 4 Luminaires, distance <15m; - Max 35 Luminaires, distance <300m with S.2490 accessory.

**Technical Installation Data**

Electrical insulation class:	II
Protection class IP:	IP66
Mechanical resistance:	IK09
Weight:	3.18Kg

**MINI POINTER 7LED MONOCHROME****S.2700N.24 (Anthracite grey)****SPECS SHEET****LUMINAIRE TYPE**

Projector. IP rating IP 66

**MATERIAL CHARACTERISTICS**

Die-cast EN AB-47100 aluminium housing with high corrosion resistance. Stone wash surface treatment prior to painting process. Stainless steel Allen screws with insulating treatment against galvanic corrosion. Silicone gaskets. Painting Process : 3 Step Process

1) Surface treatment with BONDERITE. A heavy metal free chemical surface treatment containing ceramic nano particles giving a cohesive, inorganic and highly dense protective coating. 2) PRE POLYMERIZATION a process of introducing an epoxy primer with excellent characteristics to the paint which also offers very high resistance to oxidation due to its Zinc content. 3) POLYMERIZATION a process with the application of polyester powder with high resistance against UV rays and harsh weather conditions. Resistance test protection for Marine applications for 1200h. Mechanical resistance IK 09

**LIGHTING PERFORMANCE**

Pointer has a remarkable luminous flexibility through the use of interchangeable filters able to modify the shape and the width of the beam. The optical system has been engineered with hinge and anti-loss screws so to allow an easy replacement or adding of filters. Clear toughened glass 5mm MINI POINTER, 6mm POINTER, 8mm MEGA POINTER thick. LOR --

**INSTALLATION AND MAINTENANCE**

The tempered front glass diffuser is fixed externally to the fitting through silicon resin, perfectly flush with the front ring. Water and dirt deposits that can disturb the lighting performance of the projector can easily flow away.

**WIRING**

MINI POINTER, POINTER AND MEGA POINTER: Luminaire supplied with neoprene 0,5m H05RN-F cable and connector. POINTER RGBW AND MEGA POINTER RGBW: Luminaire supplied with neoprene 0,5m H05RN-F cable and connector + N°2 DMX 0,5m cables and connectors.. Isolation: CLASS II . Available colours: Anthracite grey (cod.24). Weight: 3.18 Kg Glow Wire test: --

**LED module included****REGISTERED DESIGN**

**This luminaire contains built-in LED modules. In case of damage or malfunction please contact the manufacturer to receive additional instructions on how to replace and relative spare parts to order. The LED modules cannot be handled in the luminaire by the end user.**

**This product contains a light source of energy efficiency class (EPREL - European Product Registry for Energy Labelling): D.**

**LED modules are engineered accordingly to the existing regulations of Lumen Maintenance (LM80) and Technical Memorandum (TM21), where uniformity and quality of the light is 70,000 hours referred to L80 B10 Ta 25 ° C (50,000 hours referable to L80 B10 Ta 40°C). Lifespan of the luminaire min. 70.000 hours Ta 25°C, min. 50,000 hours at 40°C. Performance Ambient temperature Tq 25°C. Operating ambient temperature range is from -20°C to +50°C. Storage temperature range from -20°C to +60°C.**

**ELECTRONIC EQUIPMENT SENSITIVE TO OVERVOLTAGE.**

**We recommend installing surge protection devices "SPD" in the electrical system.** Protection devices prevent the intensity of these phenomena's, protecting the appliances from the risk of being damaged and extending the lifespan. Outdoor luminaires are subject to all types of permanent, temporary, or transient electrical disturbances. Such disturbances can create permanent damage or failure affecting its performance and durability. The surge protection device (supplied by SIMES) is utilized to limit the destructive effect of these phenomena. We suggest that each luminaire must be connected to one protection device at not more than 10m away. For correct coordination of the protections, a surge protection device must also be provided inside the electrical panel of the system (the selection of this device must be carried out from the electrical designer and is not supplied by SIMES).

## MINI POINTER 7LED MONOCHROME

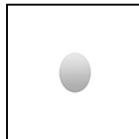
## S.2700N.24 (Anthracite grey)



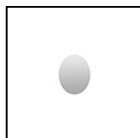
## ACCESSORIES



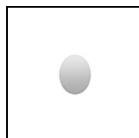
**S.2499**  
**SURGE PROTECTION DEVICE 10kV CLASS II**  
Compatible with all lighting fixtures and electronic ballast accessories classified under electrical Protection Class II Rated voltage 230-277V SPD type 2+3 Max Surge Protection 10kV IP67  
EACH FIXTURE MUST BE CONNECTED TO ONE SINGLE SURGE PROTECTION DEVICE AT A DISTANCE OF NO MORE THAN 10m AWAY.



**S.2710**  
**MEDIUM BEAM FILTER 30° for MINI POINTER**  
Suitable for MINI POINTER To install inside the fitting.



**S.2711**  
**LARGE BEAM FILTER 60° for MINI POINTER**  
Suitable for MINI POINTER To install inside the fitting.



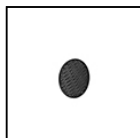
**S.2712**  
**ELLIPTICAL BEAM FILTER 60°x10° for MINI POINTER**  
Suitable for MINI POINTER To install inside the fitting.



**S.2717**  
**VISOR**  
In aluminium Colour: black (code 09)



**S.2718**  
**SNOOT**  
In aluminium Colour: black (code 09)



**S.2719**  
**HONEYCOMB**  
In aluminium Colour: black (code 09)



**S.2809**  
**POLE BASE COVER**  
For pole with base and pole to be buried Ø102mm or Ø120mm. Die-cast aluminium housing.  
ON REQUEST ADAPTOR for cylindrical poles Ø 60mm or Ø 76mm for S.2809 POLE BASE COVER



**S.1018**  
**FLANGE FOR POLE Ø102mm INSTALLATION**  
Die-cast aluminium flange suitable only for Ø 102 mm poles. The flange can be used for maximum 2 projectors, one for each side.



**S.1084**  
**FLANGE FOR POLE Ø60mm INSTALLATION**  
Die-cast aluminium flange suitable only for Ø 60 mm poles. The flange can be used for maximum 2 projectors, one for each side.



**S.1085**  
**FLANGE FOR POLE Ø76mm INSTALLATION**  
Die-cast aluminium flange suitable only for Ø76mm poles. The flange can be used for maximum 2 projectors, one for each side.



**S.1239**  
**FLANGE FOR POLE Ø120mm INSTALLATION**  
Die-cast aluminium flange suitable only for Ø 120 mm poles. The flange can be used for maximum 2 projectors, one for each side.  
  
Product is suitable for installation on SIMES poles Ø 120mm Art.S.2826, S.2846, S.2848



**S.2840**  
**PLANTED ROOT for CYLINDRICAL POLE S.2846, S.2848**  
h = 550 mm and bolts in galvanized steel with M16 threads. Suggested reinforced concrete footstall dimension:  
A = 0.7 m  
B = 1 m

Footstall dimension can be calculated according to your country norms and ground properties.

Footstall dimension can be calculated according to your country norms and ground properties.

**WE RECOMMEND THE USE OF THE FOLLOWING ACCESSORIES :**  
**S.2846, S.2848 CYLINDRICAL POLE**



**S.2849**  
**PLANTED ROOT for CYLINDRICAL POLE S.2801, S.2813, S.2843, S.2845**  
C= 200mm, D=200mm E=Ø80mm, h=460mm, h1=90mm and bolts in galvanized steel with M16 threads. Suggested reinforced concrete footstall dimension \*\*: A = 0.7 m B = 0.7 m  
\*\*Footstall dimension can be calculated according to your country norms and ground properties.  
**WE RECOMMEND THE USE OF THE FOLLOWING ACCESSORIES :**  
**S.2801, S.2813, S.2843, S.2845 CYLINDRICAL POLE**

Next ...

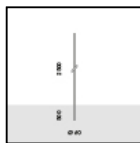
## Exclusive distributor for Ireland

Bushell Interiors Ltd - 12 Heaney Ave, Park West - Dublin 12 IRELAND - Tel.: +353 1 6710044 - e-mail: info@bushellinteriors.com

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**We reserve the right to change specifications without prior written notice.**

Last update 27/08/2024 - Pag. 3/7

**MINI POINTER 7LED MONOCHROME****S.2700N.24 (Anthracite grey)****ACCESSORIES**

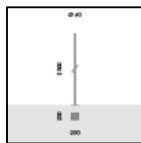
**S.2800**  
**H 2,5m Ø60mm CYLINDRICAL POLE TO BE BURIED**

Cylindrical shaped poles consisting of: straight circular section shaft, Ø 60mm, 3mm in thickness, total length 3,00m, single section built by using longitudinally welded tubes by induction welding (ERW) UNI EN 10219-2-ISO 4200

Suitable for ground recessed installation to a cement base 0,50m:  
Suggested reinforced concrete footstall dimension 1,0m x 1,0m h 0,7m. Footstall dimension can be calculated according to your country norms and ground properties.

The grade of steel used is S235JR (Fe360B) with material characteristics as per normative UNI EN 10025;

Painting Process: PRE POLYMERIZATION a process of introducing an epoxy primer with excellent characteristics to the paint which also offers very high resistance to oxidation due to its Zinc content.  
POLYMERIZATION a process with the application of polyester powder with high resistance against UV rays and harsh weather conditions.  
Resistance test protection for Marine applications for 1500h.



**S.2801**  
**H 2,5m Ø60mm CYLINDRICAL POLE WITH BASE**

Cylindrical shaped poles consisting of: straight circular section shaft, Ø 60mm, 3mm in thickness, total length 2,50m, single section built by using longitudinally welded tubes by induction welding (ERW) UNI EN 10219-2-ISO 4200

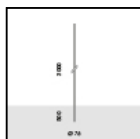
Suitable for installation to a planted root flange through a base plate 250mm x250mm x12mm in steel S355JO : Suggested reinforced concrete footstall dimension 1m x 1m h 0,7m. Footstall dimension can be calculated according to your country norms and ground properties.

The grade of steel used is S235JR (Fe360B) with material characteristics as per normative UNI EN 10025;

The surface protection treatment is done through hot dip galvanization.

Painting Process: PRE POLYMERIZATION a process of introducing an epoxy primer with excellent characteristics to the paint which also offers very high resistance to oxidation due to its Zinc content.  
POLYMERIZATION a process with the application of polyester powder with high resistance against UV rays and harsh weather conditions.  
Resistance test protection for Marine applications for 1500h.

**WE RECOMMEND THE USE OF THE FOLLOWING ACCESSORIES :**  
**S.2849 PLANTED ROOT for CYLINDRICAL POLE**



**S.2812**  
**H 3,0m Ø76mm CYLINDRICAL POLE TO BE BURIED**

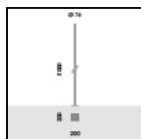
Cylindrical shaped poles consisting of: straight circular section shaft, Ø 76mm, 3mm in thickness, total length 3,50m, single section built by using longitudinally welded tubes by induction welding (ERW) UNI EN 10219-2-ISO 4200

Suitable for ground recessed installation to a cement base 0,50m:  
Suggested reinforced concrete footstall dimension 1,0m x 1,0m h 0,7m. Footstall dimension can be calculated according to your country norms and ground properties.

The grade of steel used is S235JR (Fe360B) with material characteristics as per normative UNI EN 10025;

Painting Process: PRE POLYMERIZATION a process of introducing an epoxy primer with excellent characteristics to the paint which also offers very high resistance to oxidation due to its Zinc content.  
POLYMERIZATION a process with the application of polyester powder with high resistance against UV rays and harsh weather conditions.  
Resistance test protection for Marine applications for 1500h.

Including inspection door, terminal cable block and fuse.



**S.2813**  
**H 3,0m Ø76mm CYLINDRICAL POLE WITH BASE**

Cylindrical shaped poles consisting of: straight circular section shaft, Ø 76mm, 3mm in thickness, total length 3,00m, single section built by using longitudinally welded tubes by induction welding (ERW) UNI EN 10219-2-ISO 4200

Suitable for installation to a planted root flange through a base plate 250mm x250mm x12mm in steel S355JO : Suggested reinforced concrete footstall dimension 1m x 1m h 0,7m. Footstall dimension can be calculated according to your country norms and ground properties.

The grade of steel used is S235JR (Fe360B) with material characteristics as per normative UNI EN 10025;

The surface protection treatment is done through hot dip galvanization.

Painting Process: PRE POLYMERIZATION a process of introducing an epoxy primer with excellent characteristics to the paint which also offers very high resistance to oxidation due to its Zinc content.  
POLYMERIZATION a process with the application of polyester powder with high resistance against UV rays and harsh weather conditions.  
Resistance test protection for Marine applications for 1500h.

Including inspection door, terminal cable block and fuse.

**WE RECOMMEND THE USE OF THE FOLLOWING ACCESSORIES :**  
**S.2849 PLANTED ROOT for CYLINDRICAL POLE**

Next ...

**Exclusive distributor for Ireland**

Bushell Interiors Ltd - 12 Heaney Ave, Park West - Dublin 12 IRELAND - Tel.: +353 1 6710044 - e-mail: info@bushellinteriors.com

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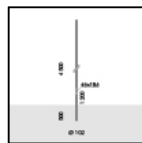
Last update 27/08/2024 - Pag. 4/7

## MINI POINTER 7LED MONOCHROME

## S.2700N.24 (Anthracite grey)



## ACCESSORIES


**S.2814**  
**CYLINDRICAL POLE H 4,5m Ø102mm TO BE BURIED**

Cylindrical shaped poles consisting of: straight circular section shaft, Ø 102mm, 3mm in thickness, total length 5,00m , single section built by using longitudinally welded tubes by induction welding (ERW) UNI EN 10219-2-ISO 4200

Suitable for ground recessed installation to a cement base 0,50m : Suggested reinforced concrete footstall dimension 1,0m x 1,0m h 1m. Footstall dimension can be calculated according to your country norms and ground properties.

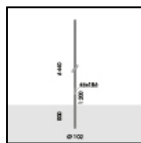
The grade of steel used is S235JR (Fe360B) with material characteristics as per normative UNI EN 10025;

The surface protection treatment is done through hot dip galvanization.

Painting Process: PRE POLYMERIZATION a process of introducing an epoxy primer with excellent characteristics to the paint which also offers very high resistance to oxidation due to its Zinc content. POLYMERIZATION a process with the application of polyester powder with high resistance against UV rays and harsh weather conditions. Resistance test protection for Marine applications for 1500h.

Including inspection door, terminal cable block and fuse.

**WE RECOMMEND THE USE OF THE FOLLOWING ACCESSORIES :**  
**S.2809 POLE BASE COVER**


**S.2815**  
**CYLINDRICAL POLE H 6,44m Ø102mm TO BE BURIED**

Cylindrical shaped poles consisting of: straight circular section shaft, Ø 102mm, 4mm in thickness, total length 7,24m , single section built by using longitudinally welded tubes by induction welding (ERW) UNI EN 10219-2-ISO 4200

Suitable for ground recessed installation to a cement base 0,80m : Suggested reinforced concrete footstall dimension 1,0m x 1,0m h 1m. Footstall dimension can be calculated according to your country norms and ground properties.

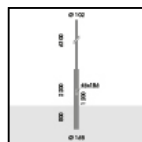
The grade of steel used is S235JR (Fe360B) with material characteristics as per normative UNI EN 10025;

The surface protection treatment is done through hot dip galvanization.

Painting Process: PRE POLYMERIZATION a process of introducing an epoxy primer with excellent characteristics to the paint which also offers very high resistance to oxidation due to its Zinc content. POLYMERIZATION a process with the application of polyester powder with high resistance against UV rays and harsh weather conditions. Resistance test protection for Marine applications for 1500h.

Including inspection door, terminal cable block and fuse.

**WE RECOMMEND THE USE OF THE FOLLOWING ACCESSORIES :**  
**S.2809 POLE BASE COVER**


**S.2817**  
**CYLINDRICAL SHAPED POLE H 8,5m Ø 168mm - Ø102mm TO BE BURIED**

Cylindrical shaped poles consisting of: straight circular section shaft, Ø 168mm ±102mm, 4-3mm in thickness, total length 9,3m , single section built by using longitudinally welded tubes by induction welding (ERW) UNI EN 10219-2-ISO 4200

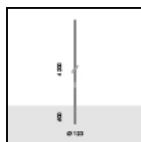
Suitable for ground recessed installation to a cement base 0,80m : Suggested reinforced concrete footstall dimension 1m x 1m h 1m. Footstall dimension can be calculated according to your country norms and ground properties.

The grade of steel used is S235JR (Fe360B) with material characteristics as per normative UNI EN 10025;

The surface protection treatment is done through hot dip galvanization.

Painting Process: PRE POLYMERIZATION a process of introducing an epoxy primer with excellent characteristics to the paint which also offers very high resistance to oxidation due to its Zinc content. POLYMERIZATION a process with the application of polyester powder with high resistance against UV rays and harsh weather conditions. Resistance test protection for Marine applications for 1500h.

Including inspection door, terminal cable block and fuse.


**S.2826**  
**H 4,2m Ø120mm CYLINDRICAL POLE TO BE BURIED**

Cylindrical shaped poles consisting of: straight circular section shaft, Ø 120mm, 3mm in thickness, total length 4,80m , single section built by using longitudinally welded tubes by induction welding (ERW) UNI EN 10219-2-ISO 4200

Suitable for ground recessed installation to a cement base 0,60m : Suggested reinforced concrete footstall dimension 0,8m x 0,8m h 0,8m. Footstall dimension can be calculated according to your country norms and ground properties.

The grade of steel used is S235JR (Fe360B) with material characteristics as per normative UNI EN 10025;

The surface protection treatment is done through hot dip galvanization.

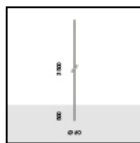
Painting Process: PRE POLYMERIZATION a process of introducing an epoxy primer with excellent characteristics to the paint which also offers very high resistance to oxidation due to its Zinc content. POLYMERIZATION a process with the application of polyester powder with high resistance against UV rays and harsh weather conditions. Resistance test protection for Marine applications for 1500h.

Including inspection door, terminal cable block and fuse.

Cap COPE2826PVC.09 already installed.

**WE RECOMMEND THE USE OF THE FOLLOWING ACCESSORIES :**  
**S.2809 POLE BASE COVER**

Next ...

**MINI POINTER 7LED MONOCHROME****S.2700N.24 (Anthracite grey)****ACCESSORIES**

**S.2842**  
**H 3,5m Ø60mm CYLINDRICAL POLE TO BE BURIED**

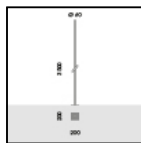
Cylindrical shaped poles consisting of: straight circular section shaft, Ø 60mm, 4mm in thickness, total length 4,00m , single section built by using longitudinally welded tubes by induction welding (ERW) UNI EN 10219-2-ISO 4200

Suitable for ground recessed installation to a cement base 0,50m : Suggested reinforced concrete footstall dimension 1,0m x 1,0m h 0,7m. Footstall dimension can be calculated according to your country norms and ground properties.

The grade of steel used is S235JR (Fe360B) with material characteristics as per normative UNI EN 10025;

The surface protection treatment is done through hot dip galvanization.

Painting Process: PRE POLYMERIZATION a process of introducing an epoxy primer with excellent characteristics to the paint which also offers very high resistance to oxidation due to its Zinc content. POLYMERIZATION a process with the application of polyester powder with high resistance against UV rays and harsh weather conditions. Resistance test protection for Marine applications for 1500h.



**S.2843**  
**H 3,5m Ø60mm CYLINDRICAL POLE WITH BASE**

Cylindrical shaped poles consisting of: straight circular section shaft, Ø 60mm, 4mm in thickness, total length 3,50m , single section built by using longitudinally welded tubes by induction welding (ERW) UNI EN 10219-2-ISO 4200

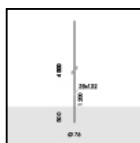
Suitable for installation to a planted root flange through a base plate in steel S355JO Footstall dimension can be calculated according to your country norms and ground properties.

The grade of steel used is S235JR (Fe360B) with material characteristics as per normative UNI EN 10025;

The surface protection treatment is done through hot dip galvanization.

Painting Process: PRE POLYMERIZATION a process of introducing an epoxy primer with excellent characteristics to the paint which also offers very high resistance to oxidation due to its Zinc content. POLYMERIZATION a process with the application of polyester powder with high resistance against UV rays and harsh weather conditions. Resistance test protection for Marine applications for 1500h.

**WE RECOMMEND THE USE OF THE FOLLOWING ACCESSORIES :**  
**S.2849 PLANTED ROOT for CYLINDRICAL POLE**



**S.2844**  
**H 4,5m Ø76mm CYLINDRICAL POLE TO BE BURIED**

Cylindrical shaped poles consisting of: straight circular section shaft, Ø 76mm, 4mm in thickness, total length 5,00m , single section built by using longitudinally welded tubes by induction welding (ERW) UNI EN 10219-2-ISO 4200

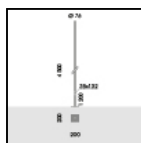
Suitable for ground recessed installation to a cement base 0,5m : Suggested reinforced concrete footstall dimension 1,0m x 1,0m h 0,7m. Footstall dimension can be calculated according to your country norms and ground properties.

The grade of steel used is S235JR (Fe360B) with material characteristics as per normative UNI EN 10025;

The surface protection treatment is done through hot dip galvanization.

Painting Process: PRE POLYMERIZATION a process of introducing an epoxy primer with excellent characteristics to the paint which also offers very high resistance to oxidation due to its Zinc content. POLYMERIZATION a process with the application of polyester powder with high resistance against UV rays and harsh weather conditions. Resistance test protection for Marine applications for 1500h.

Including inspection door, terminal cable block and fuse.



**S.2845**  
**H 4,5m Ø76mm CYLINDRICAL POLE WITH BASE**

Cylindrical shaped poles consisting of: straight circular section shaft, Ø 76mm, 4mm in thickness, total length 4,50m , single section built by using longitudinally welded tubes by induction welding (ERW) UNI EN 10219-2-ISO 4200

Suitable for installation to a planted root flange through a base plate in steel S355JO Footstall dimension can be calculated according to your country norms and ground properties.

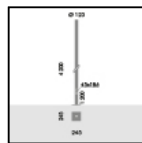
The grade of steel used is S235JR (Fe360B) with material characteristics as per normative UNI EN 10025;

The surface protection treatment is done through hot dip galvanization.

Painting Process: PRE POLYMERIZATION a process of introducing an epoxy primer with excellent characteristics to the paint which also offers very high resistance to oxidation due to its Zinc content. POLYMERIZATION a process with the application of polyester powder with high resistance against UV rays and harsh weather conditions. Resistance test protection for Marine applications for 1500h.

Including inspection door, terminal cable block and fuse.

**WE RECOMMEND THE USE OF THE FOLLOWING ACCESSORIES :**  
**S.2849 PLANTED ROOT for CYLINDRICAL POLE**

**MINI POINTER 7LED MONOCHROME****S.2700N.24 (Anthracite grey)****ACCESSORIES**

**S.2846**  
**H 4,2m Ø120mm CYLINDRICAL POLE WITH BASE**

Cylindrical shaped poles consisting of: straight circular section shaft, Ø 120mm, 3mm in thickness, total length 4,20m , single section built by using longitudinally welded tubes by induction welding (ERW) UNI EN 10219-2-ISO 4200

Suitable for installation to a planted root flange through a base plate 250mm x250mm x12mm in steel S355JO : Suggested reinforced concrete footstall dimension 1m x 1m h 0,7m. Footstall dimension can be calculated according to your country norms and ground properties.

The grade of steel used is S235JR (Fe360B) with material characteristics as per normative UNI EN 10025;

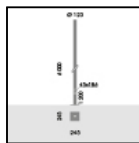
The surface protection treatment is done through hot dip galvanization.

Painting Process: PRE POLYMERIZATION a process of introducing an epoxy primer with excellent characteristics to the paint which also offers very high resistance to oxidation due to its Zinc content. POLYMERIZATION a process with the application of polyester powder with high resistance against UV rays and harsh weather conditions. Resistance test protection for Marine applications for 1500h.

Including inspection door, terminal cable block and fuse.

Cap COPE2826PVC.09 already installed.

**WE RECOMMEND THE USE OF THE FOLLOWING ACCESSORIES :**  
**S.2840 PLANTED ROOT for CYLINDRICAL POLE**  
**S.2809 POLE BASE COVER**



**S.2848**  
**H 6,0m Ø120mm CYLINDRICAL POLE WITH BASE**

Cylindrical shaped poles consisting of: straight circular section shaft, Ø 120mm, 3mm in thickness, total length 6,00m , single section built by using longitudinally welded tubes by induction welding (ERW) UNI EN 10219-2-ISO 4200

Suitable for installation to a planted root flange through a base plate 250x250x12mm in steel S355JO : Suggested reinforced concrete footstall dimension 1x1 h 0,7m. Footstall dimension can be calculated according to your country norms and ground properties.

The grade of steel used is S235JR (Fe360B) with material characteristics as per normative UNI EN 10025;

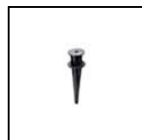
The surface protection treatment is done through hot dip galvanization.

Painting Process: PRE POLYMERIZATION a process of introducing an epoxy primer with excellent characteristics to the paint which also offers very high resistance to oxidation due to its Zinc content. POLYMERIZATION a process with the application of polyester powder with high resistance against UV rays and harsh weather conditions. Resistance test protection for Marine applications for 1500h.

MINISLOT AVANT-GARDE INSTALLED ON S.2848 POLE:  
Finished product total height = 7.13 m

Cap COPE2826PVC.09 already installed.

**WE RECOMMEND THE USE OF THE FOLLOWING ACCESSORIES :**  
**S.2840 PLANTED ROOT for CYLINDRICAL POLE**  
**S.2809 POLE BASE COVER**



**S.1005**  
**STAKE**  
In POLYPROPYLENE. Colour: black (code .09)



**S.2490**  
**Signal converter Input PUSH DIM Output DALI 2**  
Features DALI-2 dimming (1-100%). Control unit for the conversion from push button to DALI-2 interface. Allowed powering up to 35 DALI-2 interface in BROADCAST. Input current typ. 70 Ma - max. 110 Ma. Application in installation boxes. Light regulation 1-100% by means of PUSH: - a short push to turn on and off; - a longer push to increase or decrease light intensity. Dimensions 43mm x 46mm x 18.5mm



**S.2492**  
**Virtual Midnight Interface Device IP20**  
Compact control IP20 module for automatic power reduction / brightness reduction for night-time. The device has an integrated bus supply (20mA) for up to 7 DALI luminaires. Possibility to extend up to max. 64 luminaires through the DALI Expander (S.2494). 2 operating modes are supported: - Operating mode B1: power reduction through mains phase or control phase; - Operating mode B2: power reduction using virtual midnight calculation. All necessary settings can be made using rotary and slide switches. The device must be located before the DALI luminaire inside an electrical cabinet / waterbox / junction box.



**S.2493**  
**Virtual Midnight Interface Device IP67**  
Compact control module for automatic power reduction / brightness reduction for night-time. The device has an integrated bus supply (20mA) that allows to control up to 7 DALI luminaires / DALI control gear. 2 operating modes are supported: - Operating mode B1: power reduction through mains phase or control phase; - Operating mode B2: power reduction using virtual midnight calculation. All necessary settings can be made using rotary and slide switches present on the device present inside the waterbox. The device must be located before the DALI luminaire / DALI control gear.



**S.2494**  
**DALI EXPANDER**  
The IP20 DINrail device is used to extend a DALI circuit via broadcast. The received input signal is amplified and transmitted in broadcast to the DALI luminaires / DALI control gears. The DALI Expander has an integrated DALI bus power supply (200mA) which can control up to a maximum of 64 DALI devices within 300 meters.