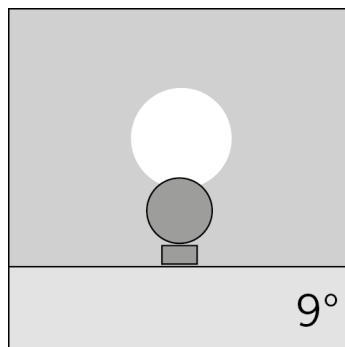
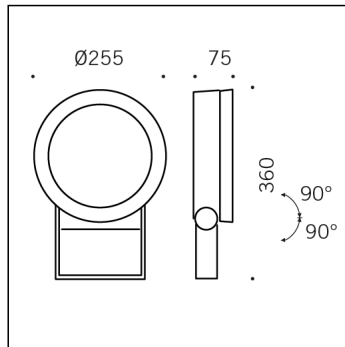


**POINTER SLIM 13LED MONOCHROME**



\*Photometric measured using WHITE LED 3000K

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

**S.2729N.24 (Anthracite grey)**

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



**Light Source Technical Data**

Light source type:	LED
Colour temperature:	4000K
Rated module luminous flux:	5825lm
Rated module power:	43.2W
ULR:	0%
Color Rendering Index:	CRI 80
Standard Deviation Color Matching:	MacAdam step 3

**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.

**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

**Technical Installation Data**

Electrical insulation class:	II
Protection class IP:	IP66
Mechanical resistance:	IK09
Weight:	5.38Kg

**POINTER SLIM 13LED MONOCHROME****S.2729N.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 MINIPOINTER, 6mm POINTER, 8mm MEGAPOINTER 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**

MINIPOINTER, POINTER AND MEGAPOINTER: Luminaire supplied with neoprene 0,5m H05RN-F cable and connector. POINTER RGBW AND MEGAPOINTER 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: 5.38 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.**

**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).

**POINTER SLIM 13LED MONOCHROME**

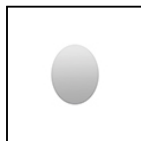
**S.2729N.24 (Anthracite grey)**



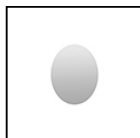
**ACCESSORIES**



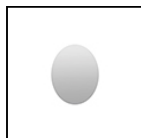
**S.2499**  
**SURGE PROTECTION DEVICE 10kV CLASS II**  
Compatible with all lighting fixtures and electronic ballast accessories classified under electrical Protection Class II Rated voltage 230-277V SPD type 2+3 Max Surge Protection 10kV IP67  
EACH FIXTURE MUST BE CONNECTED TO ONE SINGLE SURGE PROTECTION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



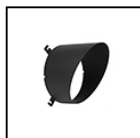
**S.2730**  
**MEDIUM BEAM FILTER 30° for POINTER**  
Suitable for POINTER To install inside the fitting.



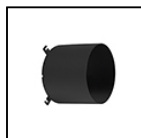
**S.2731**  
**LARGE BEAM FILTER 60° for POINTER**  
Suitable for POINTER To install inside the fitting.



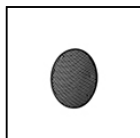
**S.2732**  
**ELLIPTICAL BEAM FILTER 60°x10° for POINTER**  
Suitable for POINTER To install inside the fitting.



**S.2737**  
**VISOR**  
In aluminium Colour: black (code 09)



**S.2738**  
**SNOOT**  
In aluminium Colour: black (code 09)



**S.2739**  
**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.

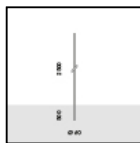
**WE RECOMMEND THE USE OF THE FOLLOWING ACCESSORIES :**  
**S.2846, S.2848 CYLINDRICAL POLE**



**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 ...

**POINTER SLIM 13LED MONOCHROME****S.2729N.24 (Anthracite grey)****ACCESSORIES**

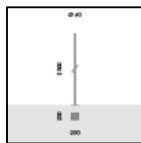
**S.2800**  
**H 2,5m Ø60mm CYLINDRICAL POLE TO BE BURIED**

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

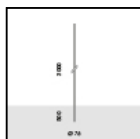
Suitable for installation to a planted root flange through a base plate 250mm x250mm x12mm in steel S355JO : Suggested reinforced concrete footstall dimension 1m x 1m h 0,7m. Footstall dimension can be calculated according to your country norms and ground properties.

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**

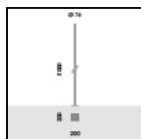
Cylindrical shaped poles consisting of: straight circular section shaft, Ø 76mm, 3mm in thickness, total length 3,50m, single section built by using longitudinally welded tubes by induction welding (ERW) UNI EN 10219-2-ISO 4200

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

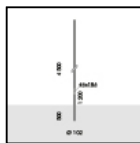
Last update 27/08/2024 - Pag. 4/7

## POINTER SLIM 13LED MONOCHROME

## S.2729N.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.

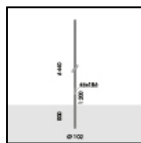
The grade of steel used is S235JR (Fe360B) with material characteristics as per normative UNI EN 10025;

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 POLEH 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.

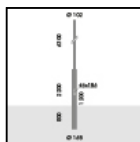
The grade of steel used is S235JR (Fe360B) with material characteristics as per normative UNI EN 10025;

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

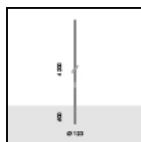
Suitable for ground recessed installation to a cement base 0,80m : Suggested reinforced concrete footstall dimension 1m x 1m h 1m. Footstall dimension can be calculated according to your country norms and ground properties.

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;

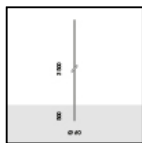
The surface protection treatment is done through hot dip galvanization.

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**

**POINTER SLIM 13LED MONOCHROME****S.2729N.24 (Anthracite grey)****ACCESSORIES**

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

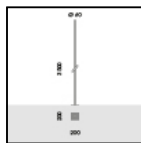
Cylindrical shaped poles consisting of: straight circular section shaft, Ø 60mm, 4mm in thickness, total length 4,00m , single section built by using longitudinally welded tubes by induction welding (ERW) UNI EN 10219-2-ISO 4200

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

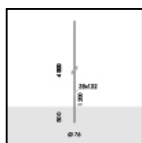
Suitable for installation to a planted root flange through a base plate in steel S355JO Footstall dimension can be calculated according to your country norms and ground properties.

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

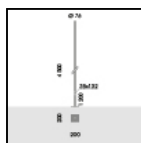
Suitable for ground recessed installation to a cement base 0,5m : Suggested reinforced concrete footstall dimension 1,0m x 1,0m h 0,7m. Footstall dimension can be calculated according to your country norms and ground properties.

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**

