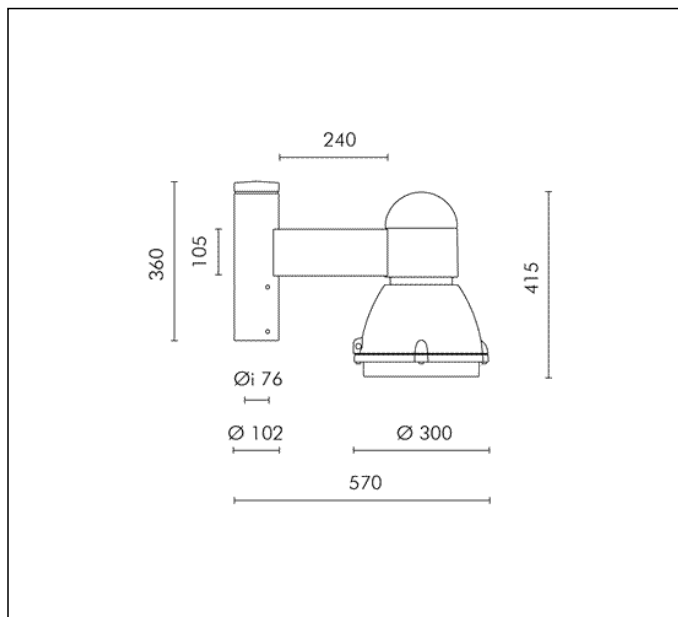


## TECHNICAL DATA SHEET ART. S.3990N - FOCUS POLE LED

Available until 31/12/2017 but subject to stock levels



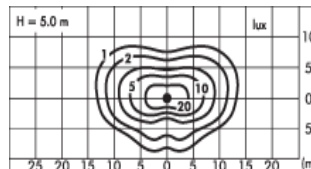
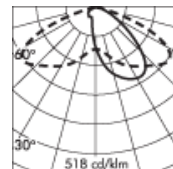
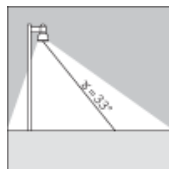
36 MODULES LED 4200K 230V 6200lm CRI 80

Rated luminaire luminous flux: 3392lm

Rated input power: 62W

Luminaire efficacy: 55lm/W

Electronic ballast 230÷240V 50Hz



CE □ IP 66



### PRODUCT TYPE

Post top luminaire. IP rating IP 66

### MATERIAL CHARACTERISTICS

Aluminium die cast housing in EN AB-47100 (low copper content) and extruded EN AW-6060 with high resistance against corrosion. Stone wash surface treatment prior to painting process. A4 grade Stainless Steel screws with 2,5-3% molybdenum content which increases the resistance against 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 10

### LIGHTING PERFORMANCE

The new LED version is characterized by a series of LEDs specifically oriented to assure excellent light distribution on the street. In case of temperatures above 75°C, the luminous flux of the LED is automatically reduced up to 30%. Although unperceivable by the human eye, the flux variation is essential in order to protect the LEDs and protract their life. The light distribution is in accordance with light pollution regulations. Clear toughened glass 8 mm thick. LOR --

### POLE CONNECTION

Pole head in painted aluminium with Ø 76 mm connection.

### INSTALLATION AND MAINTENANCE

The screws that fix the front glass holder to the main body of the projector are also in AISI 316L stainless steel with anti loss washers . The glass diffuser and front support ring are secured to the body of the projector by a pivoting hinge assembly that when opened allows for easy access to the lamp and the reflector.

### WIRING

LED versions: PROTECTIONS AGAINST DISCHARGES AND HIGH VOLTAGE SPIKES, Controlegar equipped with protections against discharges and high voltage spikes on the mains: 3,5kV differential mode (L-N), 4,0kV common mode (PE).Supply 0.3m cable section type H07RN-F . Single cable entry sealed with B component epoxy resin, wired internally protected by silicon sheaths. Fast connector IP67 (Ø 6÷12 mm) supplied as standard for single cable connection . Isolation: CLASS II . Available colours: Anthracite grey (cod.24). Weight: 14 Kg Glow Wire test: 960°C Exposed windage area : 0,185 m<sup>2</sup>

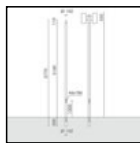
Lamp included.

This luminaire contains built-in LED modules with energy class: A, A+, A++. 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 (Regulation UE 874/2012).

LED circuit boards are engineered accordingly to actual Lumen Maintenance regulation (LM80) and Technical Memorandum (TM21) where uniformity and quality of light is 50.000 hours referred to L70 B20 Ta 25°C.

Lifecycle refers to LED circuit boards only, all others components of the luminaire are excluded.

## TECHNICAL DATA SHEET ART. S.3990N - FOCUS POLE LED ACCESSORIES



### S.2816 Ø 102mm CYLINDRICAL POLE TO BE BURIED with Ø 76mm SPIGOT

Cylindrical shaped poles consisting of: straight circular section shaft, Ø 102mm, 3mm in thickness, total length 5,77m , single section built by using longitudinally welded tubes by induction welding (ERW) UNI EN 10219-2-ISO 4200

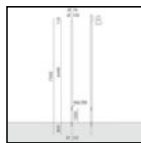
Suitable for ground recessed installation to a cement base 0,50m : Suggested reinforced concrete footstall dimension 1m x 1m h 0,7m. Footstall dimension can be calculated according to your country norms and ground properties.

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.

TO BE USED WITH THE FOLLOWING ACCESSORIES:  
S.2809 POLE BASE COVER



### S.2818 Ø 102mm CYLINDRICAL POLE TO BE BURIED with Ø 76mm SPIGOT

Cylindrical shaped poles consisting of: straight circular section shaft, Ø 102mm, 4mm in thickness, total length 7,35m , single section built by using longitudinally welded tubes by induction welding (ERW) UNI EN 10219-2-ISO 4200

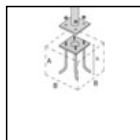
Suitable for ground recessed installation to a cement base 0,80m : Suggested reinforced concrete footstall dimension 1m x 1m h 1m. Footstall dimension can be calculated according to your country norms and ground properties.

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.

TO BE USED WITH THE FOLLOWING ACCESSORIES:  
S.2809 POLE BASE COVER



### S.2840 PLANTED ROOT for CYLINDRICAL POLE

h = 470 mm and bolts in galvanized steel with M16 threads. Suggested reinforced concrete footstall dimension:

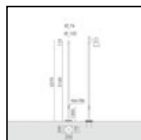
A = 0.7 m

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.

TO BE USED WITH THE FOLLOWING ACCESSORIES:  
S.2846, S.2848 CYLINDRICAL POLE



### S.2847 Ø 102mm CYLINDRICAL POLE WITH BASE

Cylindrical shaped poles consisting of: straight circular section shaft, Ø 102mm, 3mm in thickness, total length 5,27 , single section built by using longitudinally welded tubes by induction welding (ERW) UNI EN 10219-2-ISO 4200

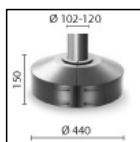
Suitable for installation to a planted root flange through a base plate 245x245x12mm in steel S355JO : Suggested reinforced concrete footstall dimension 1x1 h 0,7m. Footstall dimension can be calculated according to your country norms and ground properties.

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.

Including inspection door, terminal cable block and fuse.

TO BE USED WITH THE FOLLOWING ACCESSORIES:  
S.2840 PLANTED ROOT for CYLINDRICAL POLE



### S.2809 POLE BASE COVER

For pole with base and pole to be buried Ø102mm or Ø120mm.

Die-cast aluminium housing.