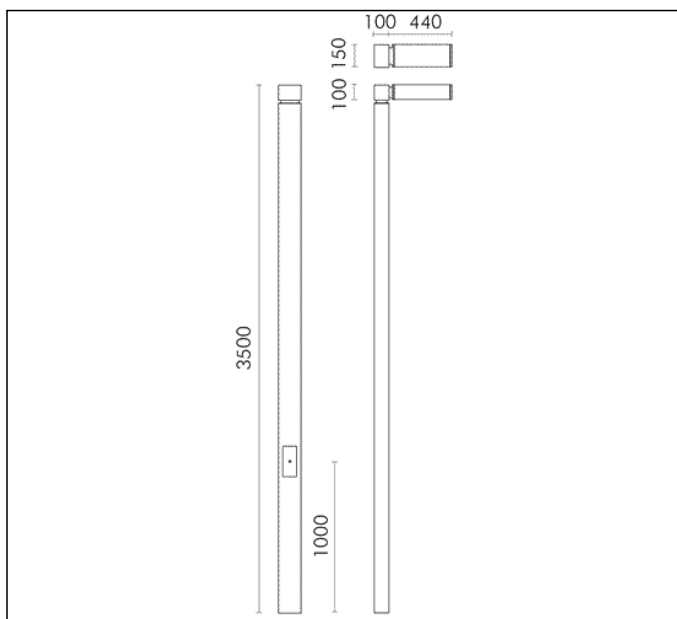


## TECHNICAL DATA SHEET ART. S.7100N - PARK SINGLE POLE H=3500mm



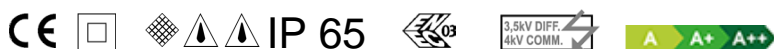
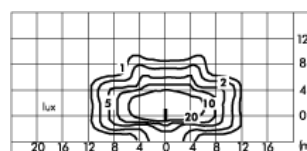
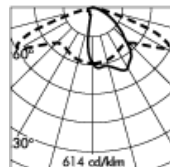
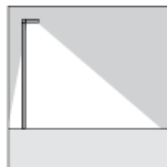
20 MODULES LED 4000K 230V 6000lm CRI 70

Rated luminaire luminous flux: 3866lm

Rated input power: 46W

Luminaire efficacy: 84lm/W

Electronic ballast 230÷240V 50Hz



**Fixture available with integral DALI driver on request with surcharge.**

**PRODUCT TYPE**

Bollard fitting. IP rating IP 65

## MATERIAL CHARACTERISTICS

Extruded EN AW-6060 aluminium profile, die-cast EN AB-44100 aluminium housing (copper free) with high corrosion resistance. 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. Pre treated Silicone Gaskets.

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

The circuit is characterized by a series of LEDs specifically oriented to assure excellent light distribution on the street. PARK supplied with electronic circuit with temperature sensors for each LED to optimize the lifetime. The light distribution is in accordance with light pollution regulations. Lamp fixed position . LOR --

## POLE

Rectangular extruded aluminum pole with inspection door. Steel zinc-plated mounting flange with stainless steel screws.

## WIRING

PROTECTIONS AGAINST DISCHARGES AND HIGH VOLTAGE SPIKES, Controlgear equipped with protections against discharges and high voltage spikes on the mains: 3,5kV differential mode (L-N), 4,0kV common mode (PE).Luminaire hard wired with H07RN-F cable. Single cable entry with PG13,5 (Ø 6÷12 mm) cable gland in PMMA. Fast connector IP67 (Ø 6÷12 mm) supplied as standard for single cable connection . Isolation: CLASS II . Available colours: Aluminium grey (cod.14). Weight: 34.8 Kg Glow Wire test: -- Exposed windage area : 0,394 m² ( S.7100N ) Exposed windage area : 0,440 m² ( S.7110N )

**Lamp included.**

**PARK REGISTERED DESIGN**

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).

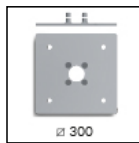
LED circuit boards are engineered accordingly to actual Lumen Maintenance regulation (LM80) and Technical Memorandum (TM21) where uniformity and quality of light is 50.000 hours referred to L70 B20 Ta 25°C.

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

## TECHNICAL DATA SHEET ART. S.7100N - PARK SINGLE POLE H=3500mm ACCESSORIES



**S.7109**  
**FLANGE ACCESSORY**  
100x150mm h 820mm flange to be fixed in concrete with stainless steel screws for fixing in the ground.



**S.7108**  
**FIXING BASE FOR PARK RECTANGULAR POLE**  
Base 300x300mm  
Spacing 200x200mm  
Holes for M16