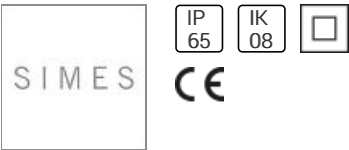


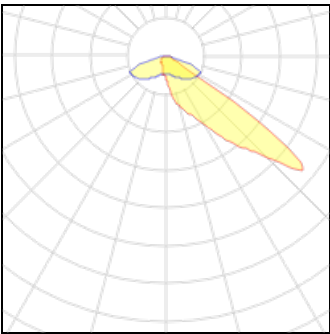
# Product data sheet

MINISLOT AVANT-GARDE  
S.3953  
SIMES



MINISLOT AVANT-GARDE ASYMMETRIC Art. S.3953 HIT-CRI 70W CLEAR G12 230Vac 6600lm Rated luminaire luminous flux: 2904lm Rated input power: 84W Luminaire efficacy: 35lm/W (LOR: 44%) Magnetic transformer ON/OFF not dimmable EEI=A3, LOSSES=12.5W CE LUMINAIRE TYPE Post top luminaire. IP rating IP 65 MATERIAL CHARACTERISTICS Aluminium die cast housing in EN AB-47100 (low copper content) and extruded EN AW-6060 with high resistance against corrosion. The holder is made of steel for mechanical strength and resistance to heavy atmospheric stress. The mirrors are affixed to an ultra-light plastic disk. The combined weight of mirror and polycarbonate disk is only 15 kg. 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 08 LIGHTING PERFORMANCE The optical system comprises : 1) Primary Reflector in 99.98% pure anodized aluminium inside the cylinder; 2) Secondary reflector with 88 multi-faceted mirrors, in polymers covered with 99.98% pure aluminium: the process of laying the aluminium layer down on the reflector's polymeric structure is carried out in a vacuum to provide exceptional reflective properties. A thin, transparent film provides protection from UV rays and environmental agents. The indirect light element creates a very pleasant light halo effect without any glare. Clear toughened glass 8 mm thick. LOR 44% POLE CONNECTION Pole head in painted aluminium with Ø 120 mm connection. WIRING 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: Aluminium grey (cod.14). Weight: 64.4 Kg Glow Wire test: -- Exposed windage area : 0,38 m² Lamp not included. MINISLOT AVANT-GARDE REGISTERED DESIGN 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).

## Light output 1



1 x HIT-CRI 70W G12			
Nominal lamp power	84 W	LOR	100%
Lamp flux	6400 lm	ULOR	100%
Luminous efficacy	76 lm/W	Total flux	6400 lm
CCT	3000 K	Total power	84 W
CRI	84		

**Mounting mode**

Pole top mounted, Pole integrated

**Shape and measurements**

Height: 44.47 in

Diameter: 46.86 in

**Adjustability**

Fixed

**Design**

Material impression: Aluminum

Color of housing: Silver gray

Designer: SIMES S.P.A.

**Electric**

System power: 84 W

Appliance Class: II

**Protection**

IP: 65

IK: 08

Designation labels: CE