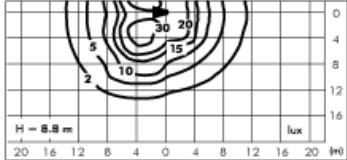
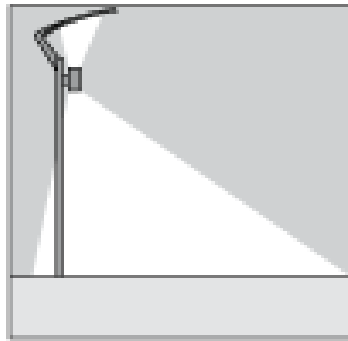
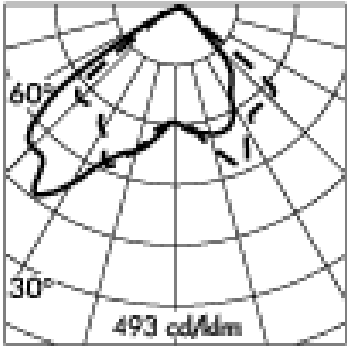
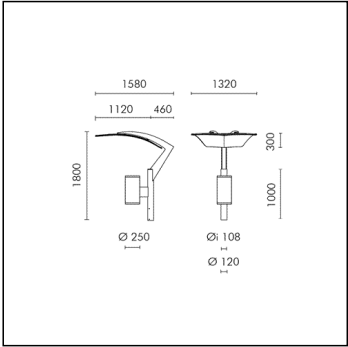


SLOT VELA



Item no longer in the catalogue.

S.3978

HIT-DE 150W

HIT-DE 70W 19750lm Rx7S 230-240Vac ON-OFF

Urban lighting



Light Source Technical Data

Light source type:	HIT-DE 150W   HIT-DE 70W
Colour temperature:	3000K
Rated module luminous flux:	19750lm
Rated luminaire luminous flux:	8610lm
Rated module power:	220W
Rated luminaire power:	233W
Luminaire efficacy:	37lm/W

Power Supply Technical Data

Voltage (AC):	230-240Vac
Frequency (AC):	50Hz

Technical Installation Data

Electrical insulation class:	II
Protection class IP:	IP65
Mechanical resistance:	IK09
Weight:	86.5Kg
Exposed windage area:	0.48m²

**SLOT VELA**  
**S.3978****SPECS SHEET****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 09

**LIGHTING PERFORMANCE**

The optical system comprises : 1) Bidirectional reflector with street optic for direct downward illumination in 99.98% pure aluminium; 2) Asymmetric reflector for indirect upward illumination in 99.98% pure aluminium; 3) Diffuser with involute distribution for indirect light in white fibre glass. 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: 86.5 Kg Glow Wire test: -- Exposed windage area : 0,48 m<sup>2</sup> ( SLOT VELA SINGLE ) Exposed windage area : 0,93 m<sup>2</sup> ( SLOT VELA TWIN )

**Lamp not included.**

**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).

**SLOT VELA****S.3978****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.2809****POLE BASE COVER**

For pole with base and pole to be buried Ø102mm or Ø120mm. Die-cast aluminium housing.

ON REQUEST special version of POLE BASE COVER for cylindrical poles Ø 60mm or Ø 76mm