

# Product data sheet

STICK H800MM SINGLE EMISSION

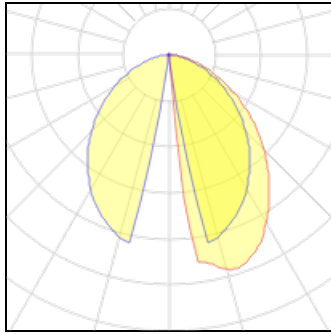
S.2095N

SIMES



NEW Version available on request without price surcharge. BOLLARD STICK 76mm H800 SINGLE EMISSION S.2095N 1 module LED 4000K 220-240Vac DIMMABLE DALI2; PUSH Rated module luminous flux: 541lm Rated luminaire luminous flux: 163lm Rated module power: 5.4W Rated luminaire power: 7.5W Luminaire efficacy: 22lm/W Voltage (AC): 220-240Vac Frequency (AC): 50/60Hz Voltage (DC): 176-275Vdc (No PUSH DIM) Dimmable: DALI2; PUSH PUSH Synchronization: - Max 4 Luminaires, distance <15m; - Max 35 Luminaires, distance <300m with S.2490 accessory. Electrical insulation class: I Protection class IP: IP54 Mechanical resistance: IK06 CE LUMINAIRE TYPE Bollard fitting. IP rating IP 54 MATERIAL CHARACTERISTICS Aluminium die cast housing in EN EN AB-44300 (low copper content) and extruded EN AW-6060 with high resistance against corrosion. Stone wash surface treatment prior to painting process. Stainless steel Allen screws with insulating treatment against galvanic corrosion. Pre treated 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 06 LIGHTING PERFORMANCE Stick is particularly suitable for residential areas and assures a diffuse and homogeneous light beam. In the dualemission version, the opening of the light beam is such as to cover the entire space around the pole 360°. Opal resin diffuser: (MINISTICK). Prismatic micro-sandblasted extra-clear toughened glass diffuser (STICK). INSTALLATION AND MAINTENANCE The wiring of the fixtures must strictly respect the specifications. WIRING MINISTICK: Luminaire supplied with flat cable 5,0m for remote connections. STICK: Luminaire supplied with neoprene 5,0m H05RN-F cable. Isolation: CLASS I. Available colours: Black (cod.09), Anthracite grey (cod.24). Weight: Kg Glow Wire test: 850°C 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. This product contains a light source of energy efficiency class (EPREL - European Product Registry for Energy Labelling): F. 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).

### Light output 1 (integrated)



Lamp type	LED	CCT	4000 K
Nominal lamp power	7.55 W	CRI	80
Total flux	163 lm	LOR	100%
Luminous efficacy	22 lm/W	ULOR	100%
		Total power	7.55 W

### Mounting mode

Standing / Bollard, Floor mounted

### Shape and measurements

Length: 2.99 in

Width: 2.99 in

Height: 31.49 in

### Adjustability

Rotatable

### Design

Designer: SIMES S.P.A.

### Electric

System power: 7.55 W

Controller: DALI

Appliance Class: I

### Protection

IP: 54

IK: 06

Designation labels: CE