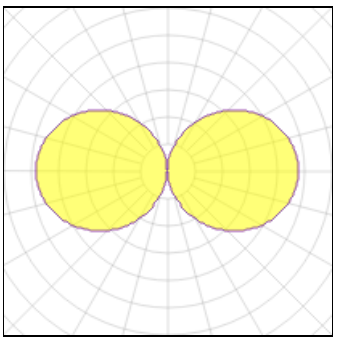
# Product data sheet

CIGARETTE 2500
S.2003W
SIMES



URBAN LIGHTING CIGARETTE H2500 S.2003W module LED 3000K 220-240Vac DIMMABLE DALI; DALI 2 Rated module luminous flux: 10192lm Rated luminaire luminous flux: 5469lm Rated module power: 74.9W Rated luminaire power: 83W Luminaire efficacy: 66lm/W Voltage (AC): 220-240Vac Frequency (AC): 50/60Hz Voltage (DC): 127-431Vdc Dimmable: DALI; DALI 2 Electrical insulation class: II Protection class IP: IP65 Mechanical resistance: IK10 CE SPECIAL VERSION ON REQUEST: this Luminaires can be supplied with a surcharge in class III (without power supply). Requires working remote power supply in costant voltage 24V. Example SIMES compatible power supplies (check the complete list of the drivers on the catalogue): Art. S.2422 POWER SUPPLY DIMMABLE DALI, PUSH DIM, DSI 100W 230Vac/24Vdc >1KHz IP20 Art. S.2428 POWER SUPPLY DIMMABLE 1-10V 90W 230Vac/24Vdc 1,47KHz IP67 LUMINAIRE TYPE Urban 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. Stone wash surface treatment prior to painting process. Steel screws treated with an advanced anticorrosive coating. Silicone Gaskets. Extra-resistant Painting Process: Extra-resistant exterior coating. Product suitable for applications in high-humidity environments, C5 ZONE (according to UNI EN ISO 9223:2012). Mechanical resistance IK 10 LIGHTING PERFORMANCE Opal polycarbonate lens UV-stabilised and vandalproof, 4mm thick. Toughened glass. LOR -- CONTROL AND LIGHT MANAGEMENT Cigarette is supplied standard with dimmable power supply DALI 2. The VIRTUAL MIDNIGHT mode is available with signal converter from DALI to VIRTUAL MIDNIGHT S.2492 (IP20) or S.2493 (IP67) for up to 7 DALI luminaires. Possibility to extend up to max. 64 luminaires through the VIRTUAL MIDNIGHT S.2492 (IP20) + DALI EXPANDER S.2494 (IP20) or S.2497 (IP67) which provides both. INSTALLATION AND MAINTENANCE The wiring of the fixtures must strictly respect the specifications. Where not provided by the fixture loop in /out or through wiring will cause infiltration of humidity and if in contact with the cables this may lead to an accelerated process of oxidation. WIRING Supply 0.5m cable section type H05RN-F . Single cable entry sealed with B component epoxy resin, wired internally. Fast connector IP67 (Ø 6÷12 mm) supplied as standard for single cable connection . Isolation: CLASS II . Available colours: Anthracite grey (cod.24). Weight: 18.2517 Kg Glow Wire test: -- LED module included 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). WARRANTY All items produced from 01/01/2026 onwards are covered by a 5 (five)-year warranty against manufacturing and conformity defects, in accordance with the terms and limits set out in the manufacturer's official documentation. For full details, exclusions and warranty activation procedures, please refer to the following link: www.simes.it/warranty

Light output 1 (integrated)



| | | | |
|---|---|---|---|
| Lamp type | | CCT | 3000 K |
| Nominal lamp power | 83 W | CRI | 91 |
| Total flux | 5469 lm | LOR | 100% |
| Luminous efficacy | 66 lm/W | ULOR | 100% |
| | | Total power | 83 W |

### Mounting mode

Standing / Bollard

### Shape and measurements

Height: 98.86 in
Diameter: 5.91 in

### Adjustability

Fixed

### Design

Material impression: Aluminum, Plastic
Color of housing: Anthracite / graphite
Designer: SIMES S.P.A.

### Electric

System power: 83 W
Controller: DALI
Appliance Class: II

### Protection

IP: 65
IK: 10
Designation labels: CE