Product data sheet

BRIQUE RECTANGULAR
S.4502W
SIMES

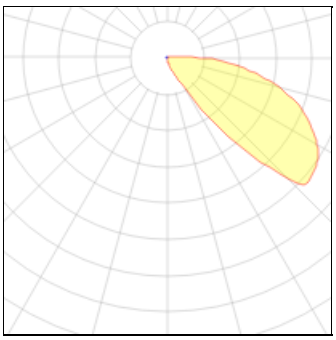


SIMES

IP 54 IK 06

STEP LIGHT WALL RECESSED BRIQUE RECTANGULAR S.4502W 5 module LED 3000K 220-240Vac DIMMABLE PHASE-CUT (L-C) Rated module luminous flux: 1211lm Rated luminaire luminous flux: 70lm Rated module power: 7.4W Rated luminaire power: 10W Luminaire efficacy: 7lm/W Voltage (AC): 220-240Vac Frequency (AC): 50/60Hz Dimmable: PHASE-CUT (L-C) (DALI; DALI2; PUSH available with surcharge) Electrical insulation class: I Protection class IP: IP65 Mechanical resistance: IK06 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 current at 500mA Vfmin=Vdc Vfmax=Vdc. Example SIMES compatible power supplies (check the complete list of the drivers on the catalogue): Art. S.2438 POWER SUPPLY 230V/150mA-900mA 8,1-25W o 230Vac/24Vdc 0-22W 240Hz DALI2 DIMMABLE IN BOX IP67 Art. S.3426 POWER SUPPLY DALI MULTI-POWER 230V/250mA-700mA o 230V/24V 16W 240Hz IP20 NB: Use 1 Power Supply for each Luminaires LUMINAIRE TYPE Wall mounted 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. EPDM 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 06 LIGHTING PERFORMANCE Reflector in 99.98% pure anodized aluminium . Opal toughened glass diffuser. LOR -- INSTALLATION AND MAINTENANCE Installation is simple withpolypropylene recessing box. Appropriate plastic supports reinforce the centre of the structure.This strategy prevents buckling during the concrete wall construction phase. The luminaires are fixed in therecessing box by stainless steel screws. The reeded glass lightly conceals the view inside the luminaire. The glass is safely protected against blows or vandalism. The trim and the grill hold the glass diffuser in place while covering the rim of the recessing box and the holes. This assures that wall imperfections remain hidden. WIRING Double cable entries. Isolation: CLASS I . Available colours: Aluminium grey (cod.14), Black (cod.09). Weight: 1.4722 Kg Glow Wire test: 750°C 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): E. 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	LED	CCT	3000 K
Nominal lamp power	10 W	CRI	90
Total flux	70 lm	LOR	100%
Luminous efficacy	7 lm/W	ULOR	100%
		Total power	10 W

Mounting mode

Wall recessed

Shape and measurements

Length: 9.06 in
Width: 9.06 in
Height: 4.02 in

Adjustability

Fixed

Design

Material impression: Aluminum, Glass
Color of housing: Silver gray
Designer: SIMES S.P.A.

Electric

System power: 10 W
Appliance Class: I

Protection

IP: 54
IK: 06
Designation labels: CE