

# Product data sheet

## ROTATING LED TUBE

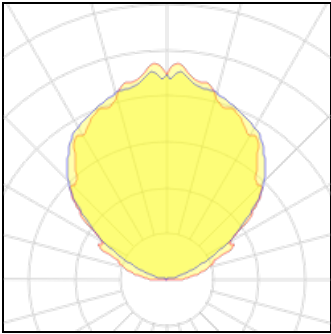
S.5905W

SIMES



Available subject to stock levels WALL WASHER ROTATING LED TUBE S.5905W 70 module LED 3000K 220-240Vac ON-OFF Rated module luminous flux:: 1900lm Rated luminaire luminous flux: : 1848lm Rated luminaire power: : 19W Luminaire efficacy: : 97lm/W Voltage (AC): : 220-240Vac Frequency (AC): : 50/60Hz Voltage (DC): : 170-276Vdc Dimmable: : NOT DIMMABLE (ON-OFF) Electrical insulation class: : II Protection class IP: : IP66 Mechanical resistance: : IK08 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 constant current at 400mA  $V_{fmin}=36.4Vdc$   $V_{fmax}=47.6Vdc$ . Example SIMES compatible power supplies (check the complete list of the drivers on the catalogue): Art. S.2438 POWER SUPPLY 230V/250mA-700mA 20W o 230Vac/24Vdc 16W 240Hz DALI 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 66 MATERIAL CHARACTERISTICS Fixing base in extruded anodized EN AW-6060 aluminium housing (copper free) with high corrosion resistance. A4 grade Stainless Steel screws with 2,5-3% molybdenum content which increases the resistance against corrosion. Pre treated Silicone Gaskets. Mechanical resistance IK 08 LIGHTING PERFORMANCE Coextruded transparent polycarbonate diffuser 1,5 mm thick with a 50 micron protective layer against UV rays. The surface of the diffuser has a reeded half and a clear half: the diffuser rotates inside the aluminium base, therefore allowing to choose a direct or diffused light distribution. The transparent silicone cap guarantees an excellent light transmission. Lamp fixed position. LOR -- INSTALLATION AND MAINTENANCE Transparent silicone end caps. The polycarbonate diffuser of the ROTATING LED TUBE is fastened to the aluminium base through a lock mechanism. WIRING Supply 0.4m cable section type H07RNF. Circuit equipped with a through supply system for parallel connection up to a maximum of 5 fittings in line ( 24V and RGB ) , maximum of 10 fittings in line ( 230V ). Isolation: CLASS II . Available colours: Anodized aluminium (cod.13). Weight: 0.97 Kg Glow Wire test: -- LED module included ROTATING LED TUBE PATENTED 2013 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: 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. 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		CCT	3000 K
Nominal lamp power	19 W	CRI	91
Total flux	1849 lm	LOR	100%
Luminous efficacy	97 lm/W	ULOR	100%
		Total power	19 W

Mounting mode

Wall mounted, Ceiling mounted, Floor mounted

Shape and measurements

Length: 35.43 in  
Width: 1.79 in  
Height: 1.27 in

Adjustability

Tiltable

Design

Material impression: Aluminum, Plastic  
Designer: SIMES S.P.A.

Electric

System power: 19 W  
Appliance Class: II

Protection

IP: 65  
IK: 08  
Designation labels: CE