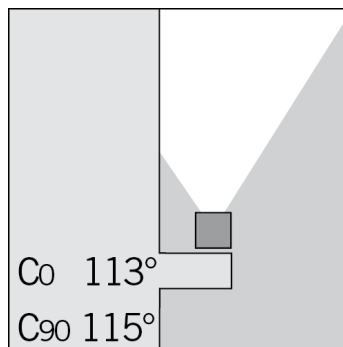
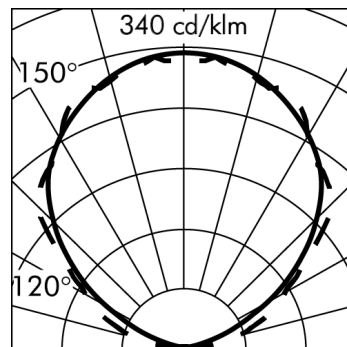
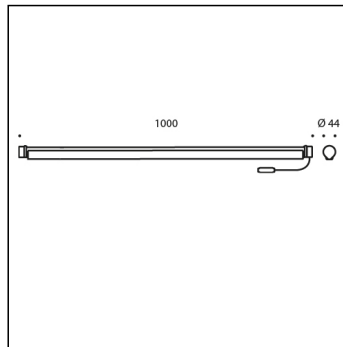


ROTATING LED TUBE



h(m)	E(lx)	0	0.5	1.0	1.5 (m)
2.5	5	5	4	3	
2.0	9	8	6	5	
1.5	22	18	10	6	
1.0	66	49	20	8	
0.5	452	257	24	5	

Item no longer in the catalogue.

S.5905N

70 module LED 4000K 220-240Vac ON-OFF
Wall washer

**Light Source Technical Data**

Light source type:	LED
Colour temperature:	4000K
Rated module luminous flux:	2300lm
Rated luminaire luminous flux:	2217lm
Rated module power:	17W
Rated luminaire power:	19W
Luminaire efficacy:	117lm/W
Color Rendering Index:	CRI 90
Standard Deviation Color Matching:	MacAdam step 3

Temperature and life time Technical Data

LED Lifetime:	L80 B10 70.000h Ta 25°C L80 B10 50.000h Ta 40°C
Lifespan of the LUMINAIRE:	min. 70.000h Ta 25°C min. 50.000h Ta 40°C
Performance ambient temperature:	Tq 25°C
Operating ambient temperature range:	da -20°C a +50°C
Storage temperature range:	da -20°C a +60°C

Power Supply Technical Data

Voltage (AC):	220-240Vac
Frequency (AC):	50/60Hz
Voltage (DC):	170-276Vdc
Dimmable:	NOT DIMMABLE (ON-OFF)
Inrush Current:	5A 50µsec
Max. quantity of fixtures for Minature Circuit Breaker type B16A:	50
Max. quantity of fixtures for Minature Circuit Breaker type C16A:	85
Surge protection (between L-N):	2kV
Surge protection (between L/N-PE):	4kV

Technical Installation Data

Electrical insulation class:	II
Protection class IP:	IP66
Mechanical resistance:	IK08
Weight:	0.96Kg
Power cable:	0.4m - H07RN-F

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 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

S.5905N REV: D

ROTATING LED TUBE**S.5905N****SPECS SHEET****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 H07RN-F. 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: 0.96 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 (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).

ROTATING LED TUBE

S.5905N



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.2495****DALI2 RELAY SWITCH for ON-OFF (NOT DIMMABLE) 230V LUMINAIRES**

Allows to make a remote controll of ON-OFF not dimmable 230V luminaires via DALI2 protocol. IP20 Max nominal load 1000VA Max switching current 8A Max inrush current 80A Dimensions 32,5mm x 15mm x 58,5mm NB: the Luminaire can be controlled remotely in ON-OFF mode only and not in dimmed mode.

The total quantity of the Inrush currents of the luminaires/fixtures that you want to connect to the DALI2 RELAY SWITCH, must not exceed the maximum value of 80A.

**S.2496****DALI2 RELAY SWITCH for ON-OFF (NOT DIMMABLE) 230V LUMINAIRES**

Allows to make a remote controll of ON-OFF not dimmable 230V luminaires via DALI2 protocol. IP67 Max nominal load 1000VA Max switching current 8A Max inrush current 80A Dimensions 175,5mm x 86,5mm x 43mm NB: the Luminaire can be controlled remotely in ON-OFF mode only and not in dimmed mode.

The total quantity of the Inrush currents of the luminaires/fixtures that you want to connect to the DALI2 RELAY SWITCH, must not exceed the maximum value of 80A.