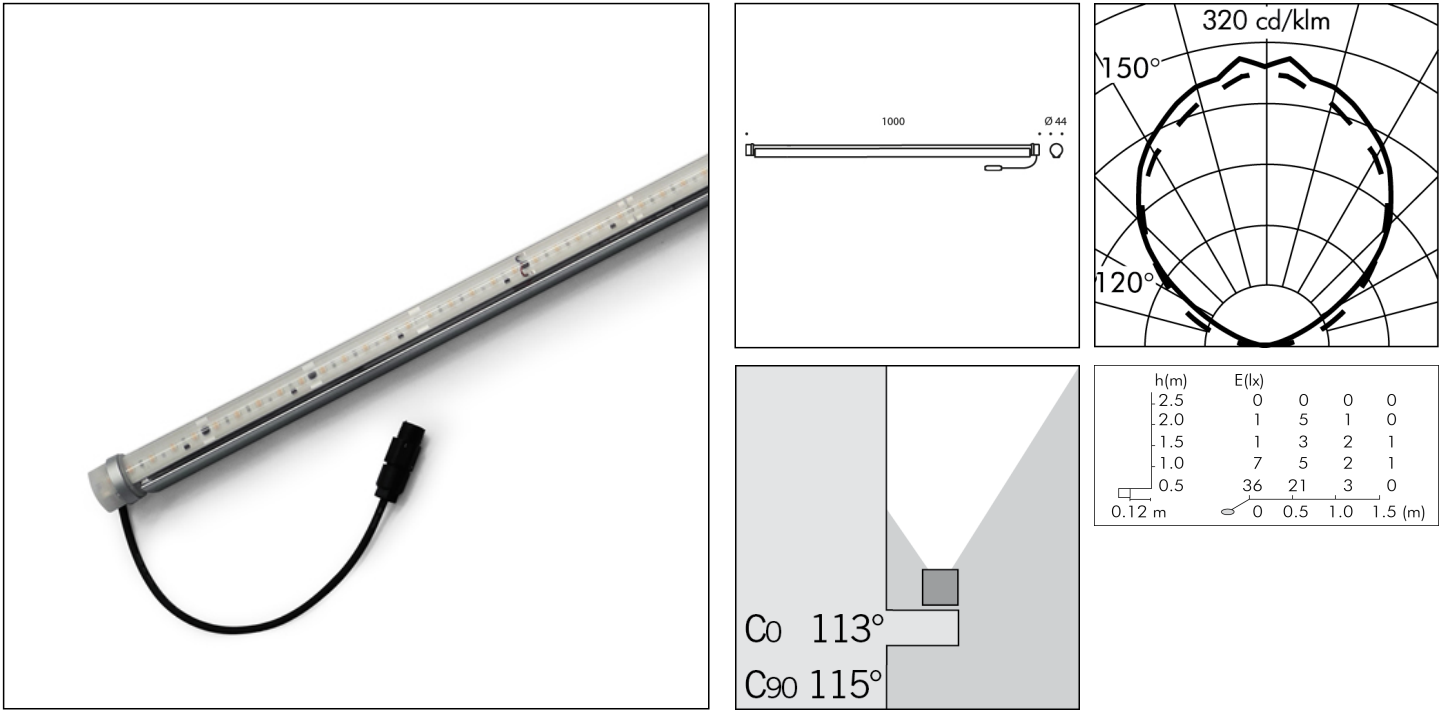


ROTATING LED TUBE



Item no longer in the catalogue.

**S.5902**  
module LED RGBK 24Vdc DIMMABLE PWM  
Wall washer



Light Source Technical Data

Light source type:	LED
Colour temperature:	RGBK
Rated luminaire luminous flux:	286lm
Rated luminaire power:	16W
Luminaire efficacy:	18lm/W

Power Supply Technical Data

Voltage (DC):	24Vdc
See the SIMES power supply accessories list on the following pages	
Dimmable:	PWM

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

Technical Installation Data

Electrical insulation class:	III
Protection class IP:	IP65
Mechanical resistance:	IK08
Weight:	0.86Kg
Power cable:	0.4m - H07RN-F

**ROTATING LED TUBE****S.5902****SPECS SHEET****LUMINAIRE TYPE**

Wall mounted luminaire. IP rating IP 65

**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**

The spectral distribution of the light is intended to change the appearance of the scene or object lit. Not intended for use in other applications. 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 III . Available colours: Anodized aluminium (cod.13). Weight: 0.86 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.**

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.

## ROTATING LED TUBE

S.5902



## ACCESSORIES

**S.2459****SURFACE-BOX 30MM DEPTH FOR TOUCHPANEL S.2451/S.2456**

Square surface mounting box, 30 mm depth, for 1- or 2-reduced-module Idea and 2 module Eikon and Plana with relevants mounting frames and cover plates, white. To be installed on insulating non-perforated or metallic with earth connection surfaces. Dimensions 83mmx83mmx30mm

**S.3660****JUNCTION BOX IP65\***

Junction box with cable glands for 3 cables IN (possibility of 3 more cables IN with S.3670 accessories) Maximum load capacity 500Kg Dimensions 300mmx300mmx230mm

**S.3670****1 ADDITIONAL CABLE GLAND**

Required for the connection of over 2 luminaires to the junction box S.3660 / power supply S.3664, S.3665, S.3667, S.3668.

**S.2440****POWER SUPPLY RGBW IP55 320W 230V/24V PWM DMX MAX 10 OUTPUTS**

IP55 box with 320W power supply 240V/24V PWM controlled by DMX protocol. The Total power of all connected luminaires may not be higher than the power of the driver. Dimensions 316mm x300mm x128mm

WE SUGGEST TO USE ONE SURGE PROTECTION DEVICE (S.2499) FOR EACH REMOTE DRIVER AT A DISTANCE OF NO MORE THAN 10m AWAY.

**S.2450****RGBW DMX MULTIZONE REMOTE CONTROL**

The RGBW remote control is a 4 zones control with a color wheel for changing the color and a slider touch for adjusting the light brightness. Color and brightness is displayed by color light indicator present on the device. The remote connects to any RF device within effective distance (30 meters in open space) and keeps the effect in sync. The device is compatible with the RGBW 4 Zone TOUCH-PANEL (item code S.2451) and/or with the signal EBOX CONVERTER (item code S.2460).

**S.2451****TOUCH PANEL RGBW DMX 4 ZONE**

- Adopts capacitive touch control technology on the full color wheel, make LED color selection more user-friendly. - Adopt wireless RF and wired DMX512 protocol 2 in 1 control mode, more flexible and convenient for project installation. - Advanced RF wireless sync/zone control technology, make sure dynamic color modes synchronously among multiple Ebox converter boxes. - Four zones can be combined arbitrarily, for example: zone 1 and zone 2 as a group, or zone 1, zone 3, zone 4 as a group, or all the 4 zones as a group. - Support multiply panels linkage control, no quantity limitation. - Touch keys with chord and LED indicator. - Compatible with the RGBW REMOTE CONTROL (S.2450) and/or APP control through the GATEWAY WIFI -106 box (S.2465) and/or with the EBOX CONVERTER (S.2460). - In wireless connection the device communicates with any RF device within effective distance (30 meters in open space). - No limit the quantity of signal Ebox converter boxes in each zone, and all color modes keep synchronously. In case of wireless connection and as any other WIFI product, should not be placed in a metal enclosure or next to large metal structure. Metal will effectively block all radio signals which are crucial to the operation of the product.

**S.2460****SIGNAL CONVERTER EBOX DMX**

EBOX-DMX wireless box is a wireless communication protocol and converts the RF signal into DMX. It is compatible with all DMX luminaire products on the market. This wireless technology application, has removed the complex cabling procedure and expensive technical commissioning fee, to make it become more easier for new or retrofit installations. The IP66 device is compatible with the RGBW 4 Zone TOUCH-PANEL (S.2451/S.2456) and/or with the REMOTE CONTROL (S.2450/S.2455) and/or APP control through the GATEWAY WIFI -106 box (S.2465).

In case of wireless connection and as any other WIFI product, should not be placed in a metal enclosure or next to large metal structure. Metal will effectively block all radio signals which are crucial to the operation of the product.

**S.2461****SIGNAL REPEATER WIRELESS FOR EBOX DMX**

IP66 Wireless extender box is a wireless signal extension, it is not necessary to pair via its factory default setting, greatly ensures its stability and wide controlling area among wireless communication devices, removing the complex cabling procedure, to make it become more easier for new or retrofit installations. Please set up all controller and Ebox converters before adding the wireless repeater boxes. Works with GATEWAY WIFI 106 BOX (S.2465), TOUCH PANEL (S.2451) and with the SIGNAL EBOX CONVERTER (S.2460).

As any other WIFI product, should not be placed in a metal enclosure or next to large metal structure. Metal will effectively block all radio signals which are crucial to the operation of the product.

**S.2465****GATEWAY WIFI-106 BOX DMX**

The Gateway is a WiFi lighting control system, consisted of APP and WiFi remote controller to change the saved scenes (max. can call max. 4 scenes). Controls various types of LED lighting products. By installing the related App on our Android (4.0 or above) or iOS (IOS 8.0) mobile devices which support WiFi connection. With DIM, CT adjustment, RGB and RGBW changing 4 in 1 operation, plus 12 controller control function. You can connect directly your mobile device to the Gateway with router or without. The IP66 WIFI-106 gateway box must not be placed in a metal enclosure or next to large metal structure. Metal will effectively block all radio signals which are crucial to the operation of the product. **The GATEWAY, in order to function correctly, MUST be installed in combination with the TOUCH-PANEL (S.2451/S.2456). Moreover, it is compatible with the EBOX CONVERTER accessory (S.2460) ONLY when used in combination with the TOUCH-PANEL (S.2451/S.2456).**

**S.2466****GATEWAY WIFI-108 BOX + MULTIZONE TOUCH PANEL RGBW DMX**

Multizone RGBW TOUCH-PANEL (refer to technical specification sheet code item S.2451) supplied together with a GATEWAY that allows an intelligent management control via smartphone / tablet in local mode (WIFI) and / or long-range control by cloud platform (3G / 4G). This gateway allows you to: Adjust the light brightness; Color change; Create Scenes; Timing function; Advanced programming of functions such as sunrise, sunset, etc.

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## ROTATING LED TUBE

## S.5902



## ACCESSORIES



**S.3411**  
**POWER SUPPLY RGBW IP55 60W 230V/24V PWM DMX MAX 5 OUTPUTS**  
IP55 box with 60W power supply 240V/24V PWM controlled by DMX protocol. The Total power of all connected luminaires may not be higher than the power of the driver. Dimensions 260mmx260mmx100mm  
WE SUGGEST TO USE ONE SURGE PROTECTION DEVICE (S.2499) FOR EACH REMOTE DRIVER AT A DISTANCE OF NO MORE THAN 10m AWAY.



**S.3413**  
**POWER SUPPLY IP55 RGBW 90W 230V/24V PWM DMX MAX 5 OUTPUTS**  
IP55 box with 90W power supply 240V/24V PWM controlled by DMX protocol. The Total power of all connected luminaires may not be higher than the power of the driver. Dimensions 260mmx260mmx100mm  
WE SUGGEST TO USE ONE SURGE PROTECTION DEVICE (S.2499) FOR EACH REMOTE DRIVER AT A DISTANCE OF NO MORE THAN 10m AWAY.



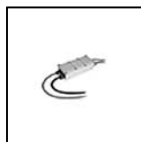
**S.3415**  
**POWER SUPPLY RGBW IP55 60W 230V/24V PWM DALI DT6 MAX 5 OUTPUTS**  
IP55 box with 60W power supply 240V/24V PWM controlled by DALI DT6 protocol. The Total power of all connected luminaires may not be higher than the power of the driver. Dimensions 260mmx260mmx100mm  
WE SUGGEST TO USE ONE SURGE PROTECTION DEVICE (S.2499) FOR EACH REMOTE DRIVER AT A DISTANCE OF NO MORE THAN 10m AWAY.



**S.3416**  
**POWER SUPPLY RGBW IP55 90W 230V/24V PWM DALI DT6 MAX 5 OUTPUTS**  
IP55 box with 90W power supply 240V/24V PWM controlled by DALI DT6 protocol. The Total power of all connected luminaires may not be higher than the power of the driver. Dimensions 260mmx260mmx100mm  
WE SUGGEST TO USE ONE SURGE PROTECTION DEVICE (S.2499) FOR EACH REMOTE DRIVER AT A DISTANCE OF NO MORE THAN 10m AWAY.



**S.3417**  
**POWER SUPPLY RGBW IP55 320W 230V/24V PWM DALI DT6 MAX 10 OUTPUTS**  
IP55 box with 320W power supply 240V/24V PWM controlled by DALI DT6 protocol. The Total power of all connected luminaires may not be higher than the power of the driver. Dimensions 326mmx300mmx128mm  
WE SUGGEST TO USE ONE SURGE PROTECTION DEVICE (S.2499) FOR EACH REMOTE DRIVER AT A DISTANCE OF NO MORE THAN 10m AWAY.



**S.3450**  
**DIMMER DMX IP67**  
The following devices/interfaces are used to control the color and brightness of the RGBW LED through DMX signal. These devices need a 24Vdc power supply Not Dimmable (type S.2405, S.2406, S.2445 and S.2446) and must be placed between the 24Vdc power supply and the luminaires. Therefore choose a 24V power supply based on the maximum power used of the luminaires up to a maximum of 240W. IP67 Dimensions 255mmx100mmx55mm



**S.3451**  
**DIMMER DALI DT6 IP67**  
The following devices/interfaces are used to control the color and brightness of the RGBW LED through DALI signal. These devices need a 24Vdc power supply Not Dimmable (type S.2405, S.2406, S.2445 and S.2446) and must be placed between the 24Vdc power supply and the luminaires. Therefore choose a 24V power supply based on the maximum power used of the luminaires up to a maximum of 240W. DALI addresses :4 IP67 Dimensions 255mmx100mmx55mm



**S.3640**  
**JUNCTION BOX WITH RGBW POWER SUPPLY 35W 240V/24V PWM DALI**  
IP65 power supply for: N°4 Micropool LED RGBW\*\* o N°2 Minipool LED RGBW\* o N°1 Pool LED RGBW DALI addresses:4 Controlled by DALI DT6 protocol maximum load capacity 500Kg Dimensions 200mmx200mmx220mm \* = require 1 x S.3670 additional cable gland \*\* = require 2 x S.3670 additional cable gland  
WE SUGGEST TO USE ONE SURGE PROTECTION DEVICE (S.2499) FOR EACH REMOTE DRIVER AT A DISTANCE OF NO MORE THAN 10m AWAY.



**S.3642**  
**JUNCTION BOX WITH RGBW POWER SUPPLY 90W 240V/24V PWM DALI**  
IP65 power supply for: N°5 Micropool LED RGBW\*\*\* o N°5 Minipool LED RGBW\*\*\* o N°2 Pool LED RGBW DALI addresses:4 Controlled by DALI DT6 protocol maximum load capacity 500Kg Dimensions 300mmx300mmx230mm \*\*\* = require 3 x S.3670 additional cable gland  
WE SUGGEST TO USE ONE SURGE PROTECTION DEVICE (S.2499) FOR EACH REMOTE DRIVER AT A DISTANCE OF NO MORE THAN 10m AWAY.



**S.3667**  
**JUNCTION BOX WITH RGBW POWER SUPPLY 90W 240V/24V PWM DMX**  
IP65 power supply for: N°4 Micropool LED RGBW\*\* o N°4 Minipool LED RGBW\*\* o N°2 Pool LED RGBW maximum load capacity 500Kg Dimensions 300mmx300mmx230mm \*\* = require 2 x S.3670 additional cable gland  
WE SUGGEST TO USE ONE SURGE PROTECTION DEVICE (S.2499) FOR EACH REMOTE DRIVER AT A DISTANCE OF NO MORE THAN 10m AWAY.



**S.3668**  
**JUNCTION BOX WITH RGBW POWER SUPPLY 35W 240V/24V PWM DMX**  
IP65 power supply for: N°3 Micropool LED RGBW o N°2 Minipool LED RGBW o N°1 Pool LED RGBW maximum load capacity 500Kg Dimensions 200mmx200mmx220mm  
WE SUGGEST TO USE ONE SURGE PROTECTION DEVICE (S.2499) FOR EACH REMOTE DRIVER AT A DISTANCE OF NO MORE THAN 10m AWAY.