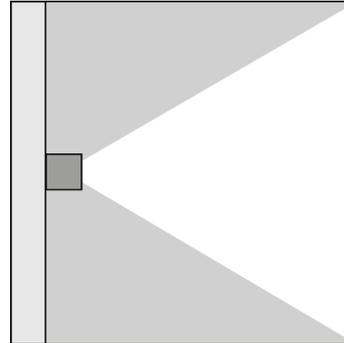
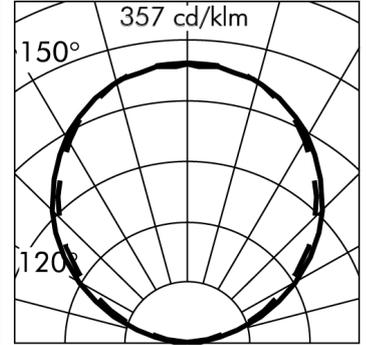
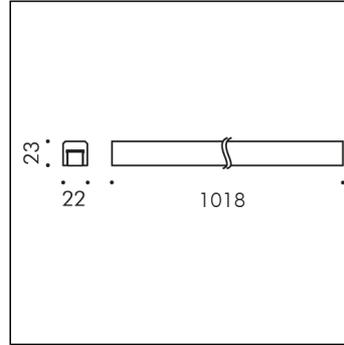


**CONTINUOUS ROD MINIMAL SURFACE RGBW**



\*Photometric measured @ R-G-B

Item no longer in the catalogue.  
New Item replacing S.2316J

**S.2316**  
module LED RGBW W=2700K 24Vdc DIMMABLE PWM  
Linear effects



**Light Source Technical Data**

Light source type:	LED
Colour temperature:	RGBW W=2700K
Rated module luminous flux:	215lm
Rated luminaire luminous flux:	192lm
Rated luminaire power:	10.3W
Luminaire efficacy:	19lm/W
ULR:	0%

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

**WARRANTY**

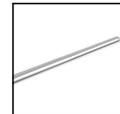
All Simes products are covered by an extended 5-year warranty. For terms and conditions, see [www.simes.it/warranty](http://www.simes.it/warranty)

**Power Supply Technical Data**

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

**Technical Installation Data**

Electrical insulation class:	III
Protection class IP:	IP65
Mechanical resistance:	IK08
Weight:	1.2523Kg
Power cable:	5m - SILICONE

**CONTINUOUS ROD MINIMAL SURFACE RGBW****S.2316****SPECS SHEET****LUMINAIRE TYPE**

Wall or Ceiling mounted luminaire. IP rating IP 65

**MATERIAL CHARACTERISTICS**

Fixing base in extruded anodized EN AW-6060 aluminium housing (copper free) with high corrosion resistance. Transparent silicone end caps for LED circuit and aluminium EN AW-47100 (Minimal) or EN AW-6060 (Comfort) caps for the extruded parts.

**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 08

**LIGHTING PERFORMANCE**

Continuous light source made of opal silicone. Lamp fixed position. LOR --

**INSTALLATION AND MAINTENANCE**

Continuity: Continuous Rod Minimal can be installed continuously to create uniform light lines of the desired length. The angular accessories can create angles at 90° for single flat surfaces or for two perpendicular flat surfaces. The light source is delivered in a continuous length of max. 3m. The aluminium profile comes in lengths of 1m, 2m or 3m, alignable between themselves in a continuous and linear manner. CONTINUOUS ROD MINIMAL SURFACE MOUNT: The extruded profile does not allow supply cables passing through inside. Hence, the corrugated tube for the supply must be installed at the beginning of the luminaire. CONTINUOUS ROD COMFORT SURFACE MOUNT: is made up of a light source delivered with cable and of an extruded profile that allows the placement of the plastic through wiring duct (22mm x 10mm max.) and the passage of the cable inside. Moreover, the supply cable of the luminaire next to it may also be fitted. Hence, according to the location of the corrugated tube, up to 4 luminaires may be powered (the maximum length being 12m). Cutting off: The Rod can be shortened according to the pitch indicated on the back of each LED strip, which varies according to the light source. To guarantee the IP65 degree of protection, it is necessary to glue the silicone cap with acetic glue, both supplied.

**WIRING**

Supply 5m cable section type SILICONE. Isolation: CLASS III . Available colours: White (cod.01), Aluminium grey (cod.14). Weight: 1.2523 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): G.**

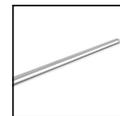
**LED modules are engineered accordingly to the existing regulations of Lumen Maintenance (LM80) and Technical Memorandum (TM21), where uniformity and quality of the light is 70,000 hours referred to L80 B10 Ta 25 ° C (50,000 hours referable to L80 B10 Ta 40°C). Lifespan of the luminaire min. 70,000 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.**

**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](http://www.simes.it/warranty)**

## CONTINUOUS ROD MINIMAL SURFACE RGBW

S.2316



## ACCESSORIES

**S.2307**

**90° JUNCTION ACCESSORY FOR SINGLE FLAT SURFACES**  
All surface mounted versions may be connected to create luminous angles at 90° in relation to a single installation plan (wall or ceiling) with the specific accessories.

**S.2308**

**90° JUNCTION ACCESSORY FOR PERPENDICULAR SURFACES**  
Luminous angles at 90° on two perpendicular surfaces (ceiling/wall or wall/wall) can be achieved as well. Also in this case specific accessories are needed.

**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.2453**

**MULTIZONE ZONE TOUCH PANEL FOR RGBW/RGBCW/TUNABLE WHITE DMX**

The RGBCW Touch Panel is an intelligent control device designed to provide precise and intuitive management of DMX lighting systems, including Tunable White (TW), RGBW, and RGBCW. Thanks to Bluetooth technology, it offers simple, reliable, and fully wireless operation (local control only, not remote). With the dedicated App available on both the App Store and Google Play, you can configure, program, and control all panel functions quickly and intuitively from your smartphone or tablet. Main Features: Full control of RGB + C + W or TW channels Brightness and color temperature adjustment Multi-zone management (up to 4 zones) and creation of customized lighting scenes Stable and secure Bluetooth communication Tempered-glass touch interface with a modern, elegant design The RGBCW Touch Panel is the ideal solution for residential and straightforward professional applications that require flexible and reliable lighting control.

**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

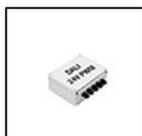
WE SUGGEST TO USE ONE SURGE PROTECTION DEVICE (S.2499) FOR EACH REMOTE DRIVER AT A DISTANCE OF NO MORE THAN 10m AWAY.

**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

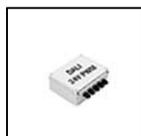
WE SUGGEST TO USE ONE SURGE PROTECTION DEVICE (S.2499) FOR EACH REMOTE DRIVER AT A DISTANCE OF NO MORE THAN 10m AWAY.

**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

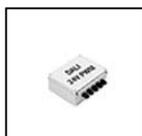
WE SUGGEST TO USE ONE SURGE PROTECTION DEVICE (S.2499) FOR EACH REMOTE DRIVER AT A DISTANCE OF NO MORE THAN 10m AWAY.

**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

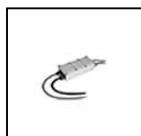
WE SUGGEST TO USE ONE SURGE PROTECTION DEVICE (S.2499) FOR EACH REMOTE DRIVER AT A DISTANCE OF NO MORE THAN 10m AWAY.

**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.

Next ...

**CONTINUOUS ROD MINIMAL SURFACE RGBW****S.2316****ACCESSORIES****S.3642  
JUNCTION BOX WITH RGBW POWER SUPPLY 90W 240V/24V  
PWM DALI**

IP65 power supply for: N°5 Micropool LED RGBW\*\*\* or N°5 Minipool LED RGBW\*\*\* or 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\*\* or N°4 Minipool LED RGBW\*\* or 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.