



Swala RGB – IP20

Product number: 11314

SWALA RGB FLEXIBLE LED STRIP - SINGLE - RGB - SMD5050 30LED P/M

The Colorgetix Colorlines Swala RGB LED strip is a flexible LED lighting strip and one of the most popular products of Colorgetix Colorlines series. The Swala RGB LED strip is trustworthy and therefore a LED strip that is very much loved by architects, light designers and installers. Because of the flexibility of the LED lighting strip, it is easy to place it on various objects.

COLORGETIX COLORLINES SWALA RGB LED STRIP IS LOVED BY MANY

The Swala RGB LED strip emits red, green and blue light. By mixing the colors, you can adjust the color temperature of the LED lighting and create the desired effect. It is remarkable that LED lighting and LED strips are used more often in houses these days. Individual people are increasingly more drawn to have LED lighting next to traditional lighting to illuminate objects but also spaces, and give them an extra light dimension. The Swala RGB LED strip can be cut to size after every 10 cm, and is used for many lighting projects. If needed, Colorgetix can deliver special LED placement profiles, which gives even more possibilities in attaching LED strips. Colorgetix offers the possibility to solder the LED strip to a preferred size.

COLORGETIX COLORLINES SWALA RGB LED STRIP CONTROLLER

To use the Colorgetix Swala RGB LED Strip, you need a Gato DMX controller 3CH x 4A 12-24 volt from Colorgetix Colorcontroller series, with a Caballo LED RGBW DMX 12-24 DC control panel, which is also from the Colorcontroller series. The control panel can be ordered in a white or black edition, so it can fit seamlessly with your interior design. To install the Swala RGB LED strip, you need LED light-ing from the Colordriver series. The right Colorgetix Colordriver for LED lighting depends on the length of the LED strip in meters, and the amount of watts per meter on the LED strip; *The length of the LED strip in meters x The amount of watts per meter = The necessary watts for the driver.* Caution! Always add an extra 10% to the amount of watts needed, there is no maximum amount of watts allowed, but the driver may never have a too low operating capacity.

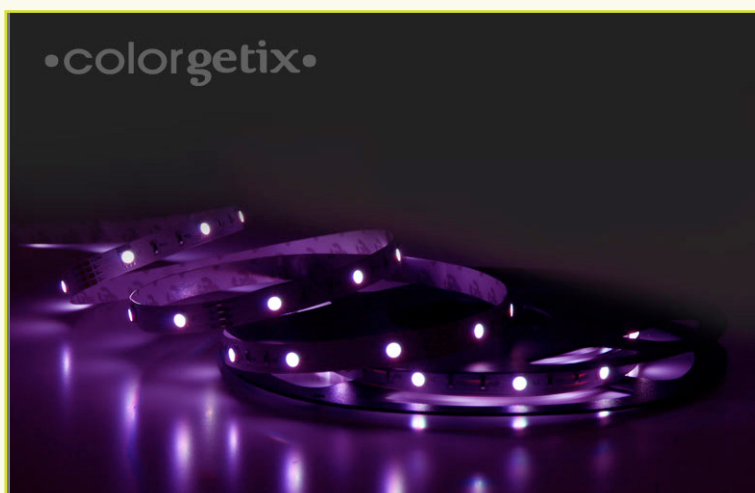
WARRANTY

ColorGetix pays the utmost attention to its products, which quality is constantly monitored. Our products have a long life, but how small the chance is, it can always happen that a product fails. For products that do not seem to work, by manufacturing faults or because of us, we will provide a replacement product within the warranty period. If the product stops working due to improper use and we have come to remedy the problems, then we are forced to make charges. ColorGetix not be liable for any consequential damages.

Colorgetix has a wide range of LED lighting and offers a wide range of possibilities for various lighting projects. If you choose Colorgetix, you are assured of reliable and high quality products. Colorgetix can deliver the LED strip in a plug & play manner.

Specifications

Capacity:	7,2 W per meter
Type of LED:	SMD5050
Amount of LED's:	30 per meter
Beam angle:	120 °
Shortest cut distance:	10 cm
IP Norm:	IP 20
Ampère (max):	0.3 Ampère per meter
Voltage:	24V DC
Maximum to connect:	5 Ampère
Length:	Role 5 meter
Width:	10 mm
Height:	2 mm



24 Volt		Cable inner conductor 1.5mm ²					Cable inner conductor 2.5mm ²					Cable inner conductor 4mm ²				
Watt		24	48	72	96	120	144	168	192	216	240	264	288	312	336	360
Cable length (m)	Ampère	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
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This table is a recommendation for the cable guide surface (MM²) with cable lengths of 1-50 m. For 24 Volt LED connected in parallel fixtures (voltage controlled). Note that this table is a recommendation, accountability is at all times for the installing person.
If necessary, use the law of Pouillet, ($A \times R = p \times l$) the calculation of electrical conductivity and resistance.

Keep as much as possible the shortest way for 24Volt cables.
Transformer capacity must be 10% higher than the sum of taxes.

When using this table always handle full power (wattage).
So assuming that all the LEDs light up fully to the strips.

$$P = U \times I$$

(Power = voltage (24 volts) times the current)

P (Watts) = U (voltage) times I (ampere)