



Kudu RGBW – IP20

Product number: 11518

KUDU RGBW FLEXIBLE LED STRIP – RGBW – SMD5050 60LED P/M

The Colorgetix Kudu RGBW LED strip from the colorlines line has a capacity of 14,4 W per meter and has 60 type SMD5050 LEDs per meter. The IP level is 20, therefore the LED lighting strip is not water resistant. Thanks to the flexibility and easy installation of the flexible KUDU RGBW LED strip, it is one of the most popular products of the large amount of LED lights that Colorgetix offers. The KUDU has the capability to create pastels with the LED lighting.

COLORGETIX COLORLINES KUDU RGBW LED STRIP VARIATION

The Colorgetix Kudu RGBW LED strip from the Colorlines line is very suitable for homes, restaurants, bars and hotels because of the endless possibilities that LED lighting offers. Private citizens choose LED lighting increasingly more because it adds an extra light dimension to their homes. The possibilities in variation creates a surprising ambiance. By combining colors like red green and blue with white, it is possible to create pastels with the LED lighting. When for example in restaurants, bars and hotels there is a lot of light needed to clean, the LED strip can emit a white color of LED light.

COLORGETIX COLORLINES KUDU RGBW LED STRIP INSTALLATION

To attach the Colorgetix Kudu RGBW LED strip, you only have to remove the 3M layer on the backside of the LED strip. Because of the Kudu RGBW LED strips' flexibility, it also possible to install it in a circular way. Make sure the surface is free of grease and dust, in order to attach the LED strip properly. Make sure to carefully place the LED strip on the desired location, apply gentle pressure. 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 KUDU RGBW LED STRIP PLUG & PLAY

The Colorgetix Kudu RGBW LED strip can be delivered in a Plug & Play fashion. The Kudu RGBW LED strip is delivered per 5 meters, but can easily be cut to size per 20 cm. The Kudu RGBW LED strip needs a Colorgetix dimmer and controller. A suitable controller is the Burro DMX 4ch from the Colorcontroller line with a Caballo LED RGBW DMX 12-24 VDC control panel, which can be ordered in a black or white edition. 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.

Specificaties

Capacity:	14,4 W per meter
Type of LED:	SMD5050
Amount of LED's:	60 per meter
Beam angle:	120 °
Shortest cut distance:	20 cm
IP Norm:	IP 20
Ampère (max):	0.6 Ampère per meter
Voltage:	24V DC
Maximum to connect:	5 Ampère
Length:	Rol 5 meter
Width:	12 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
1																
2																
3																
4																
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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)