PRODUCTSHEET
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Wibari CW – IP20 Product number: 11916

WIBARI CW FLEXIBLE LED STRIP SAMSUNG NEW-SMD5630 70LED P/M

The Wibari CW LED strip is a new product in Colorgetix Colorlines line. The Wibari CW LED strip is a flexible LED lighting strip, equipped with 70 SMD5630 LEDS per meter. The Wibari CW LED strip has an IP level of IP20 and is therefore not water resistant. The LED strip has a voltage of 24v DC. The Colorgetix Wibari CW LED strip is loved by many, and is used in various lighting projects.

COLORGETIX COLORLINES WIBARI CW LED LIGHTING STRIP INSTALLATION

The Colorgetix Colorlines Wibari CW LED strip is easy to install because of its flexibility, and can be cut to a desired size after every 10cm. Because of this, the Wibari CW LED strip can be installed basically anywhere. To attach the Colorgetix Wibari CW LED strip, you only have to remove the 3M layer on the backside of the LED strip. Make sure the surface is free of grease and dust, in order to attach the LED strip properly. The strip attaches the best when you carefully place the strip on the desired surface.

USE COLORGETIX COLORLINES WIBARI CW LED STRIP

The Colorgetix Colorlines Wibari CW LED strip from Colorgetix Colorlines line has a capacity of 15 W per meter and is loved by architects, light designers and installers. The LED strip has professional SMD5630 LEDs, and is commonly used in restaurants, bars and hotels. Also offices and private citizens start using LED lighting more often. Colorgetix is specialized in LED lighting. The use of LED lighting is energy efficient.

DIMMING LED LIGHTS

It has been often said that LED lighting cannot be dimmed. With the special LED dimming equipment from the Colorgetix Colorcontroller line it is possible to dim LED lighting. The Wibari CW LED lighting strip can be dimmed with the Colorgetix Gallo LED dimmer 0-10v 1x 8A 5- 24 volt DC and the Colorgetix Alce LED dimmer 12-24 volt DC 8A from the Colorcontroller line. The desired illumination of your Wibari CW LED lighting can be controlled with every 0-10 volt potentiometer. To install the Wibari CW LED strip, you need a LED lighting driver from the Colordriver line. 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. Colorgetix can deliver the LED strip in a plug & play manner.

Colorgetix is specialized in LED lighting and has a large range of high quality LED lighting and accessoires. When you choose Colorgetix, you are guaranteed to receive high quality products. For tailor made advice, you can always contact Colorgetix.

Specifications

Capacity:	15 W per meter
Type of LED:	SMD5630
Amount of LED's:	70 per meter
Beam angle:	120 °
Shortest cut distance:	10 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:	10 mm
Height:	2 mm

24 Volt	Cable inner conductor 1.5mm²					Cable inner conductor 2.5mm²					Cable inner conductor 4mm²				
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 (MM^2) 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 x R = p x 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 x I
(Power = voltage (24 volts) times the current)
P (Watts) = U (voltage) times I (ampere)