



Wibaro CW – IP65 Product number: 11926

WIBARO CW LED STRIP - 1750LM/M - SMD5630 70LED P/M

The Wibaro CW LED strip is a flexible LED strip from the Colorgetix Colorlines series. The Wibaro CW LED strip is equipped with 70 SMD5630 LEDs per meter. The Wibaro CW has a high output of 1750LM/m and a CRI of 80. When the Wibaro CW is too hot, the LED strip dims automatically to prevent burning of the LEDs. The LED strip has an IP level of IP65. The strip is entirely closed off, safe to touch and offers full protection against dust. The Wibaro CW LED strip is not water resistant but gives protection against splashing water. The Wibaro CW LED strip from the Colorgetix Colorlines series is a very popular LED strip and is used for various lighting projects.

COLORGETIX COLORLINES WIBARO CW LED STRIP INSTALLATION

The Colorgetix Colorlines Wibaro 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 Wibaro CW LED strip can be installed basically anywhere. To attach the Colorgetix Wibaro 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 WIBARO CW LED STRIP

The Colorgetix Colorlines Wibaro 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

The Wibaro CW LED strip from the Colorgetix Colorlines series, is adjustable to the desired illumination level and has a voltage of 24v DC. Colorgetix has a large range of LED lighting dimming and controlling equipment. With this you can easily adjust the LED lighting to your desired level. The Wibaro CW LED strip can be dimmed with the Gallo 0-10v LED dimming equipment from the Colorgetix Colorcontroller series. This can be controlled with every 0-10 volts potentiometer. To connect the Wibaro CW LED strip, a LED lighting driver from the Colordriver series is needed. 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 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.

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 65
Ampère (max):	0.6 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 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)