



Bongo CW – IP68

Product number: 11136

BONGO CW WATER RESISTENT LED STRIP-SINGLE COLOR SMD3528 60LED P/M

The Bongo CW LED strip from Colorgetix's Colorlines line is very user friendly. The Bongo CW LED strip emits a cool white light and is perfect for illuminating stores and public spaces. The LED lighting strip consists of 60 type SMD 3528 LEDs per meter. The LED strip has an IP level of IP68. The strip is entirely closed off, safe to touch and offers full protection against dust. The Bongo CW LED strip is water resistant and stays operational underwater within the designated circumstances. When you choose the Bongo CW LED strip from the Colorlines line of Colorgetix, you are guaranteed to receive a product of high quality.

COLORGETIX COLORLINES BONGO CW LED STRIP ILLUMINATION

The Bongo CW LED strip from the Colorlines LED lighting line of Colorgetix, 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 Bongo CW LED strip can be dimmed with the Gallo 0-10v LED dimming equipment from the Colorcontroller line of Colorgetix. This can be controlled with every 0-10 volts potentiometer. To connect the Bongo CW LED strip, a LED lighting driver from the Colordriver line 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.

INSTALLING THE COLORGETIX COLORLINES BONGO CW LED LIGHTING STRIP

To attach the Colorgetix Bongo B LED strip, you only have to remove the 3M layer on the backside of the LED strip. Because of the Bongo CW LED strips' flexibility, it is 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. The Bongo CW LED strip is delivered per 5 meters, but can easily be cut to size per 10 cm. 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 BONGO CW LED LIGHTING STRIP SPECIFICATIONS

With 60 LEDs per meter and a beam angle of 120 degrees, the Bongo CW LED strip has a large range of light. The capacity is 4,8w per meter. The Colorgetix Bongo CW LED lighting strip from the Colorlines line is next to the cool white model also available in a yellow, red, blue and warm white model. There is always a LED lighting strip with the desired lighting temperature to be found. Colorgetix is specialized in LED lighting and has a large range of high quality LED lighting and accessoires. Colorgetix can deliver the LED strip in a plug & play manner.

Specifications

Capacity:	4,8 W per meter
Type of LED:	SMD3528
Amount of LED's:	60 per meter
Beam angle:	120 °
Shortest cut distance:	10 cm
IP Norm:	IP 68
Ampère (max):	0.2 Ampère per meter
Voltage:	24V DC
Maximum to connect:	5 Ampère
Length:	Rol 5 meter
Width:	8 mm
Height:	5 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)