PRODUCTSHEET
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Nyani WW – IP20 Product number: 11015

NYANI WW FLEXIBLE LED STRIP-SINGLE COLOR SMD3528 60LED P/M

The Nyani WW LED strip is a new product in Colorgetix Colorlines series. The Nyani WW LED strip is a flexible LED lighting strip, equipped with 60 SMD3528 LEDS per meter. The Nyani WW LED strip has an IP standard of IP20 and is therefore not water resistant. The LED strip has a voltage of 24v DC. The Colorgetix Nyani WW LED strip is loved by many, and is used in various lighting projects.

COLORGETIX COLORLINES NYANI WW LED LIGHTING STRIP INSTALLATION

The Colorgetix Colorlines Nyani WW 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 Nyani WW LED strip can be installed basically anywhere. To attach the Colorgetix Nyani WW 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 NYANI WW LED STRIP

The Colorgetix Colorlines Nyani WW LED strip from Colorgetix Colorlines series has a capacity of 4,8 W per meter and is loved by architects, light designers and installers. The LED strip has professional SMD3528 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 Colorcontrollers series it is possible to dim LED lighting. The Nyani WW 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 Colorcontrollers series. The desired illumination of your Nyani WW LED lighting can be controlled with every 0-10 volt potentiometer. To install the Nyani WW LED strip, you need a LED lighting driver from the Colordrivers 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. 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 20
Ampère (max):	0.2 Ampère per meter
Voltage:	24V DC
Maximum to connect:	5 Ampère
Length:	Role 5 meter
Width:	8 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)