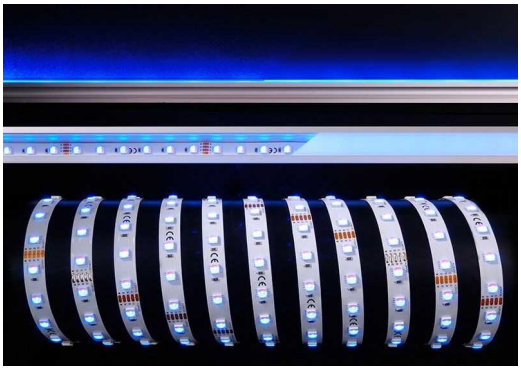
Product datasheet

Article no.: 840153

Flexible LED stripe, 5050-60-24V-RGB+1700K-5m, IP20



Technical Data

Dimensions & Weight

Length	5000 mm
Width	12 mm
Height	2 mm
Product weight	161 g
Cutting possibility (each)	100 mm / 6 LED

Electrical Characteristics

Power / power consumption	70,00 W / 70,00 W
Input voltage	24V DC
Input current	
Connection possibility	wire with open ends
Protection class I, II, III	III

Light Technical Data

Colour Designation	RGB + warmwhite
Colour temperature	1700 K
Luminous Flux	2700 lm
Beam angle	120°
LED type	SMD 5050
LED quantity	300

Absolute maximum ratings

The LED will get damaged and the lifetime will decrease when you overrun absolute maximum ratings.

Working temperature	-20°C - +40°C
Storage temperature	-20°C - +60°C
IP - Code	IP20

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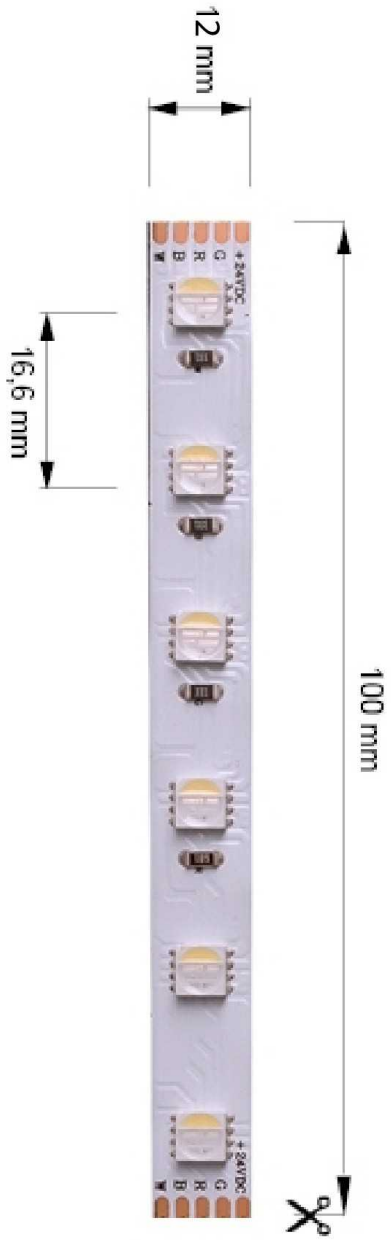

General product data

Environmental Characteristics

Energy Label	A
Energy consumption	77 kWh/1000h

Lifespan

Lamp life time	30000 h
Luminous flux end of lifetime	0,70
Number of switching cycles	100000

Instructions for mounting and safety

Don't run the stripe when it is on the role.
Please take care during installing for the correct polarity (V+, V-) and do also use the right power supplies with the following safety measures: SELV (Safety Extra Low Voltage), overload protection and short-circuit protection.
You can cut the LED stripe with a cutter at the marked cutting points on the stripe. An extension is not possible.
Mounting on an aluminum profile is recommended in order to optimize the heat dissipation.
Be careful when you install the LED stripe on conducting surfaces, because the solder contact can cause a short circuit.
Avoid buckling the stripe because the PCB board can be damaged.

IP20	Protection against penetration of foreign objects > 50 mm. No protection against penetration of water.
	Lightings of Protection Class III Luminaire in which protection against electric shock relies on supply at safety extra-low voltage (SELV) and in which voltages higher than those of SELV are not genrated.
	Because of the complex manufacturing process of the LED the above shown data are just a statistical size, which is not forced to be the realistic data of every LED.
	The light source of this luminaire may only be replaced by the manufacturer or by a service technician appointed by him or by a comparable qualified person