

# Product datasheet

## Article no.: 840096

Flexible LED stripe, 5050-30-12V-6500K-5m-silicon, white, 12V DC, 36,00 W, coldwhite



### Technical Data

#### Dimensions & Weight

Length	5000 mm
Width	12 mm
Height	4 mm
Product weight	435 g
Cutting possibility (each)	100 mm / 3 LED

#### Electrical Characteristics

Power	36,00 W
Input voltage	12V DC
Input current	
Connection possibility	wire with open ends
Protection class I, II, III	III

#### Light Technical Data

Colour Designation	coldwhite
Colour temperature	6500 K
Luminous Flux	2700 lm
Beam angle	120°
LED type	SMD 5050
LED quantity	150

#### Absolute maximum ratings

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

Working temperature	-15°C - +50°C
Storage temperature	-10°C - +60°C
IP - Code	IP 67



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Errors and technical data are subject to change without notice.

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### General product data

#### Environmental Characteristics

Energy Label	A
Energy consumption	48 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.

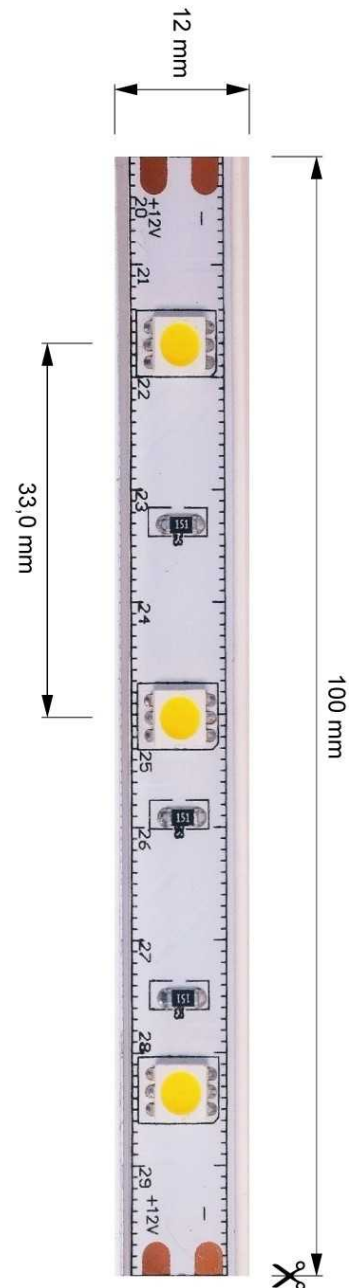
Please take care during installing for the correct polarity (V+, V-) and do also use the right power supplies with the following safety measures:  
SELV (Safety Extra Low Voltage), overload protection and short-circuit protection.

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.



IP 67

Protection against penetration of dust. (complete dust protection) Protection against temporary immersion.



Lightings of Protection Class III in which the protection against electric shock is on the application of low voltage protection. In this light, no voltage may be higher than generates low voltage protection.



Lamps and transformers for installation in furniture or for attachment to the furniture whose flammability is unknown.



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