

# Product datasheet

## Article no.: 840131

Flexible LED stripe, 2835-60-24V-2300K-5m, IP20

### Technical Data

#### Dimensions & Weight

Length	5000 mm
Width	8 mm
Height	3 mm
Product weight	140 g
Cutting possibility (each)	100 mm / 6 LED



#### Electrical Characteristics

Power / power consumption	40,00 W / 40,00 W
Input voltage	24V DC
Input current	
Connection possibility	wire with open ends
Protection class I, II, III	III

#### Light Technical Data

Colour Designation	warmwhite
Colour temperature	2300 K
Luminous Flux	3000 lm
Beam angle	120°
LED type	SMD 2835
LED quantity	300

#### 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	IP20



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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	44 kWh/1000h

#### Lifespan

Lamp life time	40000 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.

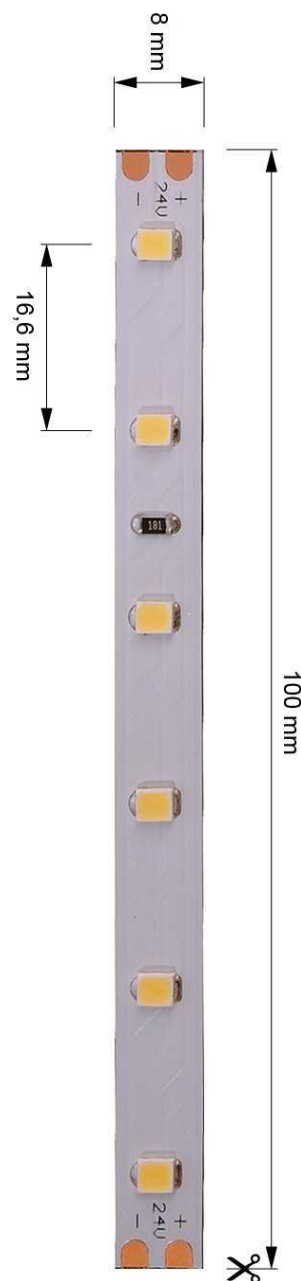
Please take care during installing for the correct polarity (V+, V-) and do also use the right power supplies with the following safety measures:  
SELV (Safety Extra Low Voltage), overload protection and short-circuit protection.

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 generated.



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