

Product datasheet

Article no.: 312322

Flexible LED stripe, 3528-240-24V-6500K-3m, IP 20



Technical Data

Dimensions & Weight

| | |
|----------------------------|---------------|
| Length | 3000 mm |
| Width | 10 mm |
| Height | 2 mm |
| Product weight | 97 g |
| Cutting possibility (each) | 25 mm / 6 LED |

Electrical Characteristics

| | |
|-----------------------------|---------------------|
| Power / power consumption | 60,00 W / 60,00 W |
| Input voltage | 24V DC |
| Input current | |
| Connection possibility | wire with open ends |
| Protection class I, II, III | III |

Light Technical Data

| | |
|--------------------|-----------|
| Colour Designation | coldwhite |
| Colour temperature | 6500 K |
| Luminous Flux | 4300 lm |
| Beam angle | 120° |
| LED type | SMD 3528 |
| LED quantity | 720 |

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 20 |



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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 | 66 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.

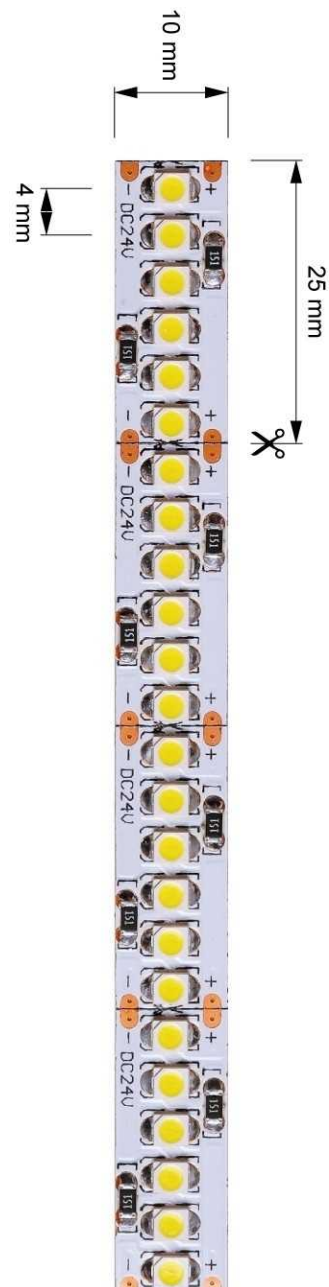
Please take care during installing for the correct polarity (V+, V-) and do also use the right power supplies with the following safety measures:
SELV (Safety Extra Low Voltage), overload protection and short-circuit protection.

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 20

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.



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