PROCESSING NOTES LED STRIPES

MOUNTING ADVICE:
Feeding by soldering or use of approved connectors at the designated solder pads (pay attention to the polarity + / -). When soldering, please be aware of the max. duration of < 10s and a max. soldering temperature of < 260°C. You can cut the LEDlight flex between the solder pads on the marked points by using a pair of scissors or similar. With the double-adhesive tape on the back side you can mount the modules. Please pay attention to clean surfaces, which have to be free of oil, silicone and dirt particles. Mounting material has to be solid in itself. The minimum bending radius is about 2cm. The module may only be bended once in areas where no electrical devices are mounted.

SAFETY ADVICE:
Mechanical stresses of the devices on the LED modules are to be avoided!
During the mounting process the PCB may not be damaged or interrupted. Only an electronically skilled person is allowed to do the installation of LED modules (with power supply) in consideration of all valid instructions and norms. Please pay attention to the polarity! With an incorrect polarity, there will be no light emission or the LED module can be damaged!
Only a secure operating state submits a parallel connection. Please avoid a series connection of the LED module. Unsymmetrical voltage drop may cause a strong overloading and destruction of single modules. Please pay attention to the dimensioning of your available power supply, a dimming is only possible with PWM, or similar.
To avoid any short circuits at the solder patches by mounting on metallic surfaces, there should be an insulator between module and mounting surface. For the maximum length of an associated LED module please see data sheet. Longer LED modules can be obtained by intermediate feeding or feeding at the beginning and end of the LED module.
If more than one channel is operated continuously, please pay attention to additional cooling. Please be aware of ESD while mounting.
LEDlight flex will be delivered unvarnished, i.e. without corrosion prevention. Corrosion defects caused by the contact with condensation or humidity cannot be granted. By using LEDlight flex in a field of application with the influence of dust or humidity, it has to be protected properly. It can be protected against condensation or humidity by lacquering afterwards.
The lacquer must have the following features:
» Ability to transmit
» UV ray resistance
» resistance temperature cycles in the approved temperature range
» low water damp permeation by all climates
» resistance to corrosive atmospheres
The maximum current per reel (max. length) is 5.0 ampere for a short time (depending on type and length of the LED stripe). When using a power supply with an output current of greater than 5.0 ampere, the modules must accordingly be fused with a super quick protection. Only use lacquers and silicones approved by us!