



# 4mm FLEX

LL code: 83111 - 83118

# 1

## Basic description LENSFLEX



### 1.1

#### Application

Ideal for applications like:

- Small profiles
- Furniture details
- Detailed linear lighting
- architectural decorative lighting

### 1.2

#### Specifications

Comes on roll with 5m as standard packing length

Size	W 4mm x H 2mm x length
PCB color	White
Install methode	3M tape
Colour rendering	CRI +90
Voltage	24VDC
Max.current/m:	0,5 A
Max. power/m:	12W/m
Cutable every:	28mm (6leds)
Ingress protection	IP20
Light beam	120°
Available colours	2200K 2400K 2700K 3000K 4000K 5600K 6500K

## 1.3

### Product types

83111	2200K
83112	2400K
83113	2700K
83114	3000K
83116	4000K
83117	5600K
83118	6500K

## 1.4

### Assembly

The mounting of the strip can be done with the double-sided adhesive on the back of the strip. The mounting surface must be clean and dry, free of oils, silicone coatings and dirt particles and must be heat conducting. We recommend on aluminum profile as carrier.

When mounting on metallic or electric conductive surfaces, there needs to be an electrical isolation between the strip and the mounting surface at the beginning and the end.

Once the strip is appropriately positioned. Press gently on the strip with about 20N/cm<sup>2</sup> (refer to application techniques of 3M adhesive transfer tapes).

The strip itself and all its components may not be mechanically stressed. Assembly must not damage conducting paths on the circuit boards.

Bending the strip over small radius should be avoided to avoid damage.

The smallest unit (28mm) can be removed by cutting between the indicated solder pads.

The maximum length in single feed from one side is 5m.

## 1.5

### Connections

Solder connection should only be performed on designated solder pads (marked "+/-"). Correct electrical polarity needs to be observed. Wrong polarity may destroy the strip. During soldering, don't exceed the maximum soldering time of 10 seconds and the maximum soldering temperature of 260 C°.

## 1.6

### Dimensions

Supplied LEDstrip:	+/- 5000mm x W 4mm x H 2mm
Separate Unit:	+/- 50mm x W 4mm x H 2mm