

## LumEU Flex ECO 500lm/6000K-12V-90

ARTICLE NO. 30-0200-157

Flexible LED-strip with IP 00 protection

### PRODUCT FEATURES

- Length 5000 mm
- LED strips for highest demands
- Excellent color rendering: CRI >90
- Long light lines with only one feed through double layer FPC possible
- Estimated lifetime L80 > 60.000 hours
- Current regulation by IC for constant brightness over the entire light line
- With reverse polarity protection diode
- With high-quality 3M double adhesive tape



### PHOTOMETRIC DATA

Color Temperature	6000 K
Light Color	White
Luminous Flux per Meter (Center Point 4000K)	500 lm/m
Luminous Flux per Meter (Effective)	500 lm/m
Efficiency	104 lm/W
Energy Efficiency Class	A++
CRI	>90
Beam Angle	120 °
Lifetime L80	60.000 hours

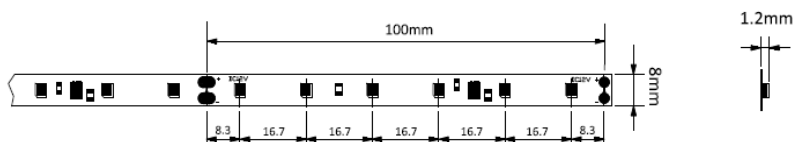
## ELECTRICAL DATA

Technology	IC
Type	SMD2835
Voltage	12 V DC
Electrostatic Discharge	800 V
Power per Meter	4.8 W/m
Operating Temperature	-20~+40 °C
Storage Temperature	-40~+80 °C
Protection	IP 00

## MECHANICAL DATA

Length PCB	5000 mm
Width PCB	8 mm
Height PCB	1.2 mm
Cutting Distance	100 mm
LED Distance	16.7 mm
Number of LEDs per Cut	6
Min. Bend Radius	5 cm
Max. Length*	10 m

\*The value given applies to the application of the rated voltage at the first module section. When using a supply line, the maximum operable length changes depending on the supply line length and its cross section.



These data can have a tolerance value of +/-15%. Typing and printing errors reserved.