

## LumEU Flex High Protection Professional 850lm/3500K-12V

ARTICLE NO. 30-2100-037

Flexible LED-strip with IP66 protection due to PUR surface encapsulation

### PRODUCT FEATURES

- Length 5000 mm
- Resistant to dust, water jets, UV radiation, abrasion and chemicals
- Estimated lifetime L80 at  $T_a < 45^{\circ}\text{C}$  > 60.000 hours
- Connection via 0,2m cable with open ends
- With high-quality 3M double adhesive tape



### PHOTOMETRIC DATA

Color Temperature	3500 K
Light Color	White
Luminous Flux per Meter (Center Point 4000K)	850 lm/m
Luminous Flux per Meter (Effective)	818 lm/m
Efficiency	85 lm/W
CRI	>90
Beam Angle	120 °
Estimated Lifetime L80 at $T_a < 45^{\circ}\text{C}$	60.000 hours

## ELECTRICAL DATA

Technology	IC
Voltage	12 V DC
Electrostatic Discharge	800 V
Power per Meter	9.6 W/m
Operating Temperature	-20~+50 °C
Storage Temperature	-40~+80 °C
Protection	IP 66

## MECHANICAL DATA

Length	5000 mm
Width	8 mm
Height	3 mm
Min. Bend Radius	5 cm
Max. Length*	7.5 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.

The stated photometric data are typical values, which are influenced by the binning of the LEDs and the encapsulation process. Each of these factors affect the tolerances, therefore the resulting photometric data can deviate from the stated typical values.

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