

LumEU Flex High Protection Professional RGB 800lm-12V

ARTICLE NO. 30-2100-017

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

PRODUCT FEATURES

- Length 2500 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

Dominant Wavelength	632 nm; 514 nm; 465 nm
Light Color	RGB
Luminous Flux per Meter	R: 237 lm/m G: 548 lm/m B: 152 lm/m
Beam Angle	120 °
Estimated Lifetime L80 at $T_a < 45^\circ\text{C}$	60.000 hours

ELECTRICAL DATA

Technology	Resistor
Voltage	12 V DC
Electrostatic Discharge	800 V
Power per Meter	28.8 W/m
Operating Temperature	-20~+50 °C
Storage Temperature	-40~+80 °C
Protection	IP 66

MECHANICAL DATA

Length	2500 mm
Width	8 mm
Height	3 mm
Min. Bend Radius	5 cm
Max. Length*	2.5 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.