

METOLIGHT® LED-Strip Type MLS-3528-12-060B-IP54

METOLIGHT LED strips with an extra strong Cu layer in the flexible circuit board, which enables lengths of up to 15 meters (instead of the usual 5 meters). The SMD LEDs have an efficiency of approx. 110 lm / W with CRI Ra > 80 and a light angle of 120 °. 60 LEDs are installed per meter. We recommend attaching the self-adhesive LED strips to thermally conductive material (e.g. aluminum profiles). Because of their poor thermal conductivity, wood, glass or plastic are not suitable for operating the LED strips with continuous light.



The LED strips come with an Epoxy-coating to reach IP class IP54 – damp proof.

The LED strips in this series have their own CC control for each LED segment of 5.08 cm, which compensates for the voltage drop over the entire length. This ensures that all LEDs light up with the same brightness from the beginning to the end of the strip. The brightness of the LED strips can be adjusted using suitable low-voltage dimmers in the 12-volt range.



Common technical data:

Input voltage	12 VDC
Power	4,8 Watt/m, total 24 Watt
LED-Type + qty/m	SMD 3528 / 60 LEDs/m
Beam angle, Efficacy	120° / 110 lm/W +/- 10%
Current	Constant current via R j per segment of 5,08 mm
Splittable	Each segment, 5,08 cm
LED-distance	16 mm
LED-strip width	10 mm
LED-strip length	5 m
Connect cable	2polig, red/black, about 15 cm long, open solder ends
Working temperature	-20 ~ + 40°C
IP-Class	IP54, class III
Dimmable	By suitable LED-dimmer 12 Volt min. 2 A, 50 Watt

Technica data, detailed

Item	Light color	Lumen
3528-12-060B-IP54-WW	Warm white 2700-3200K	420 lm/m
3528-12-060B-IP54-NW	Nature white 3800-4200K	450 lm/m
3528-12-060B-IP54-CW	Cold white 5800-6500K	480 lm/m
3528-12-060B-IP54-RT	Red 600-650 nm	130 lm/m
3528-12-060B-IP54-GE	Yellow 550-630	130 lm/m
3528-12-060B-IP54-GN	Green 500-550 nm	300 lm/m
3528-12-060B-IP54-BL	Blue 440-480 nm	100 lm/m

