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METOLIGHT® LED-Strip

Type MLS-3528-24-060B-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



ASMETEC GmbH - METOLIGHT
MLS-3528-60

A
B
C
D
E
F
F
G
24,0

kWh/1000h

thermal conductivity, wood, glass or plastic are not suitable for operating the LED strips with continuous light.

The LEDStrips come woth an Epoxy-coating to reach IP class IP54 – damp proof.

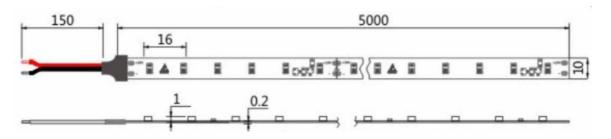
The LED strips in this series have their own CC control for each LED segment of 10 cm, which compensates for the voltage drop over the entire length. This ensures that all LEDs light up with the same brightness from the beginning to the end of the strip. The brightness of the LED strips can be adjusted using suitable low-voltage dimmers in the 24-volt range.

Common technical data:

Input voltage	24 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 10 mm		
Splittable	Each segment, 10 cm		
LED-distande	16 mm		
LED-strip width	10 mm		
LED-strip lenmgth	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 24 Volt min. 1 A, 40 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-GN	Blue	440-480 nm	100 lm/m



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