


METOLIGHT® LED-Strip Type MLS-3528-24-120A Ra95-IP20

METOLIGHT LED strips with an extra strong Cu layer in the flexible circuit board, which enables lengths of up to 10 meters (instead of the usual 5 meters). The SMD LEDs have an efficiency of approx. 100 lm / W with CRI Ra > 95 and a light angle of 120°. 120 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 in this series have their own CC control for each LED segment of 96 mm, 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. We recommend to connect each LED-strip of 5 m length directly to the LED power driver.




ASMETEC GmbH - METOLIGHT
 MLS-3528-120-Ra95

A	▶
B	▶
C	▶
D	▶
E	▶
F	▶
G	▶

F

72,0
kWh/1000h



Common technical data:

Input voltage	24 VDC
Power	14,4 Watt/m, total 72 Watt
LED-Type + qty/m	SMD 3528 / 120 LEDs/m
Beam angle, Efficacy	120° / 100 lm/W +/- 10%
Current	Constant current via R per segment of 96 mm
Splittable	6 LEDs each segment, 96 mm
LED-distande	8 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	IP20, class III
Dimmable	By suitable LED-dimmer 24 Volt min. 4 A, 100 Watt

Technica data, detailed

Item	Light color	Lumen
3528-24-120-Ra95-IP20-WW	Warm white 2700-3200K	1300 lm/m
3528-24-120-Ra95-IP20-NW	Nature white 3800-4200K	1400 lm/m
3528-24-120-Ra95-IP20-CW	Cold white 5800-6500K	1440 lm/m
3528-24-120-Ra95-IP20-PW	Pure white 4800-5200K	1440 lm/m

