LED STRIP 72 LEDS/M 1 M • 24 V • 2.8 W • 6000 K • IP66 • 620 LM • RA80 • 8.3 MM



2.8 W/m
24 V DC
up to 220 lm/W LM80 SDCM ≤ 3
12.5 cm cutting interval
3 oz 8 mm FPC
Ra>80; variants with Ra>95 available
100000 h L70 lifetime
30 m reel for IP20, 10 m for IP66 / IP68
5-year warranty

High-quality LED strip for professional use, featuring nine high-efficiency LEDs per module and achieving a luminous efficacy of up to 220 lm/W. The double-layer PCB with 3 oz copper traces reduces voltage drop and operating temperature, ensuring stable performance. Equipped with 3M 300LSE adhesive backing for reliable installation. The LEDs comply with LM-80 standards, ensuring minimal lumen depreciation and consistent colour over time.

Specification

Parameter	Value
Symbol	SHF-72-66-CW-24
EAN13	5901289750318
ETIM CLASS	LED strips and rope lights
Socket	wires
Model	LED strip
Mains or non-mains	NMLS
Dimmable	yes
Power [W]	2.8
Power for white light [W]	2.8
Colour of light	White
Number of LEDs per metre	72
Degree of protection	IP66
Suitable for use	
Cutting interval [cm]	12.5
Voltage [V]	24
Voltage type	DC
Colour temperature [K]	6000
Colour rendering index CRI	84
Minimum colour rendering index	82
Maximum colour rendering index	84
Colour rendering index R9	14
Energy efficiency class	B
Luminous flux [lm]	620
Luminous flux - white light [lm]	620
Beam angle [°]	120
Corresponding beam angle	Sphere 360°
Non-directional or directional light source	Non-directional light source NDLS
Survival factor	0.9
Lumen maintenance factor	0.96
Chromaticity coordinates - x	0.322
Chromaticity coordinates - y	0.345
With self-adhesive tape	yes
Equivalent power [W]	49
Energy consumption — white light [kW/1000h]	3
Min. number of switching cycles	50000
Rated lifetime L70/B50 at 25 °C [h]	100000
Colour-tuneable light source (CTLS)	no
Connected light source (CLS)	no
High-luminance light source (HLLS)	no
Anti-glare shield	no

Operating temperature [°C]	-20 ~ 45
Colour consistency in McAdam ellipses	3



