

LED-STRIP 72LED/M 1M • 24V • 2.8W • 6000K • IP20 • 620LM • RA80 • 8MM



2.8W /m
24V DC
up to 220 lm/W LM80 SDCM ≤ 3
12.5cm cutting length
3oz 8mm FPC
Ra>80, available over 95
100000h L70 lifespan
30m reel for IP20, 10m for IP66 / IP68
Warranty 5 years

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 color over time.

Specification

Parameter	Value
Symbol	SHF-72-CW-24
EAN13	5901289750073
ETIM CLASS	Light ribbon-/hose/-strip
Socket	wires
Model	Tape
Mains or non-mains	NMLS
Dimmable	yes
Power [W]	2.8
Power for white light [W]	2.8
Colour of light	White
Number of nodes per meter	72
Degree of protection	IP20
Suitable for use	
cutting length [cm]	12.5
Voltage [V]	24
Voltage type	DC
Colour temperature [K]	6000
Colour rendering index CRI	84
Minimal colour rendering index	82
Maximal 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
Correspondence 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	yes
Equivalent power [W]	49
The energy consumption - white light [kW/1000h]	3
Min. number of switching cycles	50000
Rated life time L70/B50 at 25 °C [h]	100000
Colour-tunable 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
Length [mm]	1000



Width [mm]	8
Height/depth [mm]	1.4
Weight [kg]	0.025

