# LED-STRIP 72LED/M 1M • 24V • 2.8W • 2700K • IP20 • 535LM • 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-HW-24 |
| EAN13 | 5901289750066 |
| 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] | 2700 |
| Colour rendering index CRI | 82 |
| Minimal colour rendering index | 82 |
| Maximal colour rendering index | 82 |
| Colour rendering index R9 | 3 |
| Energy efficiency class | C |
| Luminous flux [lm] | 535 |
| Luminous flux - white light [lm] | 535 |
| 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 | 0.464 |
| Chromaticity coordinates - y | 0.419 |
| With Self-adhesive | yes |
| Equivalent power [W] | 44 |
| 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-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 |