

PRODUCT DATASHEET

LM-SV 800-TW-DC 48W 24V IP20

LED Strip Value Tunable White | Flexible LED strips, tunable white



Areas of application

- Suitable for indoor and outdoor applications (IP65)
- Cove lighting
- Backlighting
- Under-cabinet lighting
- Hotels
- Offices
- Residential interiors

Product benefits

- Flexible and easy installation thanks to self-adhesive tape and the accessories included
- Power leads coming out from both sides for reconnection convenience (IP65 version)

Product features

- Adjustable color temperature via Tunable White: 2,700...6,500 K
- Type of protection: IP20 or IP65 (model dependent)
- Smallest cuttable unit: 125 mm
- Lifetime up to 40,000 h
- Compatible with LEDVANCE Value Tunable White Dimming Controller
- Compatible with LEDVANCE Value Tunable White Remote Controller
- Compatible with LEDVANCE Value 24 V constant voltage driver



TECHNICAL DATA

Electrical data

Nominal wattage	48.00 W
Construction wattage	48.00 W
Nominal wattage per meter	9,6 W
Nominal voltage	24 V
Type of current	DC

Photometrical data

Luminous efficacy	100...105 lm/W
Luminous flux per meter	900 lm
Color temperature	2700...6500 K
Color rendering index Ra	80
Light color (designation)	Tunable White
Standard deviation of color matching	≤4 sdc _m

Light technical data

Beam angle	120 °
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LED MODULE INFORMATION

Number of LEDs per meter	96
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Dimensions & Weight



Length	5000.00 mm
Width	10.00 mm
Height	2.00 mm
Product weight	130.00 g

Temperatures & operating conditions

Ambient temperature range	-20...+45 °C
Maximum temperature at tc test point	75 °C

Lifespan

Nominal lamp life time	40000 h
Number of switching cycles	100000

Capabilities

Dimmable	Yes
Lowest bending radius	30 mm
Self-adhesive	Yes

Certificates & Standards

Type of protection	IP20
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LOGISTICAL DATA

Temperature range at storage	-20...+80 °C
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Accessories Optional

Product image	Product name	EAN
	MS-CV-DIM RF 12/24 V TW	4058075359802
	MS-CV-DIM RF 12/24 V TW RM	4058075359840

EQUIPMENT / ACCESSORIES

– Accessories for installation included

DOWNLOAD DATA

Photometric and lighting design files		Document name
	IES file (IES)	LM-SV 800-TW-DC 48W 24V IP20
	LDT file (Eulumdat)	LM-SV 800-TW-DC 48W 24V IP20
	Light distribution curve type polar	LM-SV 800-TW-DC 48W 24V IP20

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075360044	BAG 1		167.00 g	
4058075360051	Shipping box 10	188 mm x 153 mm x 211 mm	1784.00 g	6.07 dm ³
4058075360068	Shipping box 40	402 mm x 328 mm x 238 mm	7734.00 g	31.38 dm ³

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.