

PRODUCT DATASHEET

LM-SV 800-TW-DC-P 48W 24V IP65

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	95...100 lm/W
Luminous flux per meter	800 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	5030.00 mm
Length – smallest unit	125,0 mm
Width	10.00 mm
Height	4.00 mm
Product weight	470.00 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	IP65
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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

Documents and certificates		Document name
	User instruction / safety instructions	LM-SV-200-400-500-800-DC 24V IP65 EN
Photometric and lighting design files		Document name
	IES file (IES)	LM-SV 800-TW-DC-P 48W 24V IP65

Photometric and lighting design files		Document name
	LDT file (Eulumdat)	LM-SV 800-TW-DC-P 48W 24V IP65
	Light distribution curve type polar	LM-SV 800-TW-DC-P 48W 24V IP65

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075360075	BAG 1		507.00 g	
4058075360082	Shipping box 10	219 mm x 209 mm x 225 mm	5241.00 g	10.30 dm³
4058075360099	Shipping box 40	456 mm x 436 mm x 255 mm	21863.00 g	50.70 dm³

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.