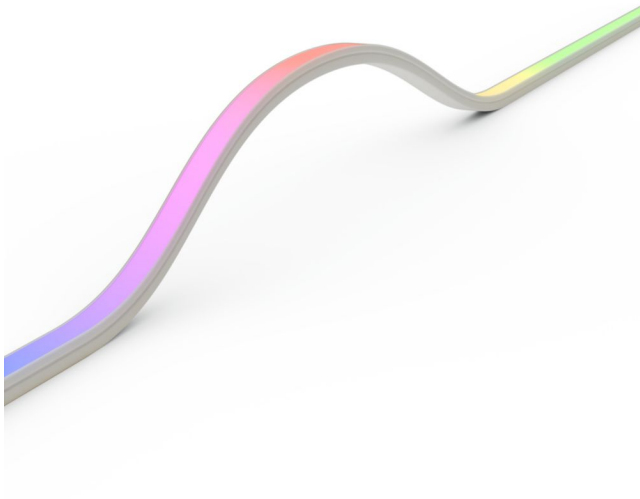


TFD250TAD-RGBW4-G1 -05 L2

TEC FLEX DIFFUSE RGBW addressable TOP



Product family features

- 24V Constant Voltage Dimmable LED strip with single SEU control via DMX
- Cutable and controllable every 10 cm
- High quality RGBW LEDs (4chips in 1) IP safe

Product family benefits

- Pastel colours thanks white LED with good color rendering (4000K)
- Long lifetime: 50.000 hours
- Luminous flux up to 280 lm/m
- IP67 protection

Areas of application

- Pastel colour applications
- Mood, Architectural & Entertainment façade light

Technical data

Electrical data

Nominal voltage	24.0 V
Type of current	DC
Nominal wattage per meter	18.0 W
Rated wattage	90.00 W
Input voltage range	23...25 V
Accidental reverse input voltage protection up to	25 V

Photometrical data

Color rendering index Ra	80
Luminous flux per meter	290 lm
Luminous efficacy	7 lm/W
Light color (designation)	4200 K
Color Temperature	4000 K

Light technical data

LED pitch	14.29 mm
Beam angle	120 °
Starting time	0 s
Warm-up time (60 %)	0 s

LED module information

Number of LEDs per meter	70
Number of LEDs per smallest unit	7

Dimensions & weight

Length	5000 mm
Length – smallest unit	100.0 mm
Width	16.0 mm
Height	20.0 mm
Product weight	1912.00 g
Cable cross-section, input side	0.5 mm ²

Colors & materials

Cover material	Silicone
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Temperatures & operating conditions

Temperature range in operation at Tc point	-20...75 °C
Ambient temperature range	-20...+40 °C
Temperature range at storage	-25...80 °C

Lifespan

Rated lamp life time	50000 h
Nominal lamp life time	50000 h
Number of switching cycles	15000

Additional product data

ID of contained light source	LS_TRV_287054
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Capabilities

Lowest bending radius	250 mm
Self-adhesive	No
With connection set	No

Certificates & standards

Standards	CE
Type of protection	IP67

Environmental information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
Date of Declaration	30-03-2026
Primary Article Identifier	6977078995740 6937186134769
Candidate List Substance 1	no declarable substance contained
CAS No. of substance 1	no declarable substance contained
Declaration No. in SCIP database	In work
SCIP_ID	

Equipment / Accessories

- 2 cables soldered on each side
- End cap designed by the same width as the tape light
- System solution in combination with Inventronics 24V Constant Voltage and DMX LED drivers

Download Data

File		
Product Datasheet	PDF	▶TEC FLEX DIFFUSE addressable RGBW L2 Technical Data Sheet DMX 260525
User instruction	PDF	▶TEC FLEX DIFUSE RGBW

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
6937186134769 INVENTRONICS	TFD250TAD-RGBW4-G1 -05 L2	Shipping carton box 5 Pieces	505 x 505 x 255 mm	65.03 dm ³	2799.60 g

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

Accessories Optional

Product description	Accessory name	Accessory code
TFD250TAD-RGBW4-G1 -05 L2	null	▶ 6937186134660
TFD250TAD-RGBW4-G1 -05 L2	null	▶ 6937186134684
TFD250TAD-RGBW4-G1 -05 L2	null	▶ 6937186134707
TFD250TAD-RGBW4-G1 -05 L2	FX-DCS -G1-GL-25	▶ 6937186139818