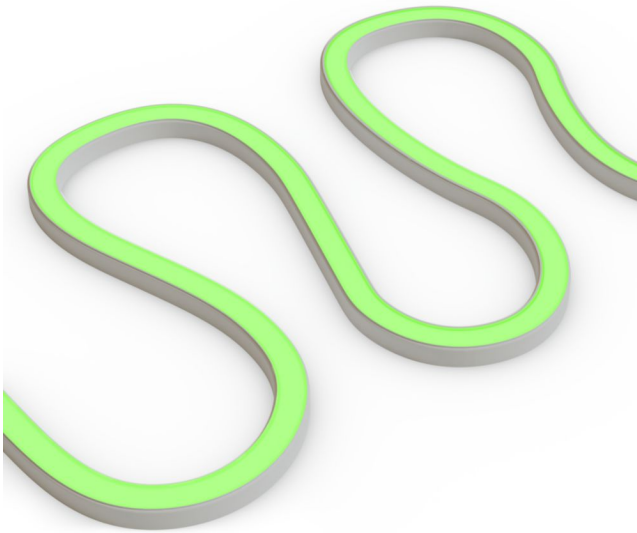


## TFD150S-RGBW4-G1 -05 L2

TEC Flex DIFFUSE RGBW SIDE



### 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                         | 15.0 W    |
| Rated wattage                                     | 75.00 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   | 165 lm |
| Luminous efficacy         | 5 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

|  |                     |
|--|---------------------|
| <b>Length</b>                          | 5000 mm             |
| <b>Length – smallest unit</b>          | 100.0 mm            |
| <b>Width</b>                           | 11.0 mm             |
| <b>Height</b>                          | 20.0 mm             |
| <b>Product weight</b>                  | 1301.00 g           |
| <b>Cable cross-section, input side</b> | 0.5 mm <sup>2</sup> |

## Colors & materials

|                       |          |
|-----------------------|----------|
| <b>Cover material</b> | Silicone |
|-----------------------|----------|

## Temperatures & operating conditions

|   |              |
|---|--------------|
| <b>Temperature range in operation at Tc point</b> | -20...60 °C  |
| <b>Ambient temperature range</b>                  | -20...+40 °C |
| <b>Temperature range at storage</b>               | -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_287041 |
|------------------------------|---------------|

## Capabilities

|                       |        |
|-----------------------|--------|
| Lowest bending radius | 190 mm |
| Self-adhesive         | No     |
| With connection set   | No     |
| Lowest bending radius | 190 mm |

## Certificates & standards

|                           |      |
|---------------------------|------|
| <b>Standards</b>          | CE   |
| <b>Type of protection</b> | IP67 |

## Environmental information

| Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH) |                                   |
|---|-----------------------------------|
| <b>Date of Declaration</b>  | 30-03-2026                        |
| <b>Primary Article Identifier</b>                                     | 6977078995726   6937186134783     |
| <b>Candidate List Substance 1</b>                                     | no declarable substance contained |
| <b>CAS No. of substance 1</b>   | no declarable substance contained |
| <b>Declaration No. in SCIP database</b>                               | In work                           |
| <b>SCIP_ID</b>  |                                   |

## 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 RGBW L2 Technical Data Sheet DMX |
| User instruction  | PDF | ▶TEC FLEX DIFUSE RGBW                              |
| User instruction  | PDF | ▶FINESSE Recessed Kit                              |

## Logistical Data

| Product code                  | Product description         | Packaging unit (Pieces/Unit)    | Dimensions (length x width x height) | Volume                | Gross weight |
|-------------------------------|-----------------------------|---------------------------------|--------------------------------------|-----------------------|--------------|
| 6977078995726<br>INVENTRONICS | TFD150S-RGBW4-G1 -<br>05 L2 | Shipping carton box<br>8 Pieces | 410 x 410 x 480 mm                   | 80.69 dm <sup>3</sup> | 1863.00 g    |
| 6937186134783<br>INVENTRONICS | TFD150S-RGBW4-G1 -<br>05 L2 | Shipping carton box<br>8 Pieces | 410 x 410 x 480 mm                   | 80.69 dm <sup>3</sup> | 1863.00 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  |
|-------------------------|------------------|-----------------|
| TFD150S-RGBW4-G1 -05 L2 | null             | ▶ 6937186134608 |
| TFD150S-RGBW4-G1 -05 L2 | null             | ▶ 6937186134622 |
| TFD150S-RGBW4-G1 -05 L2 | null             | ▶ 6937186134646 |
| TFD150S-RGBW4-G1 -05 L2 | FX-DCS -G1-GL-25 | ▶ 6937186139818 |
| TFD150S-RGBW4-G1 -05 L2 | null             | ▶ 6977770439139 |