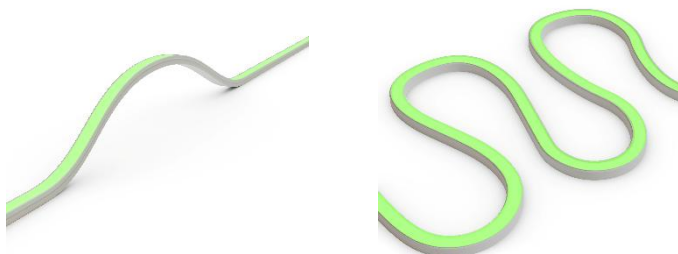


TEC Flex DIFFUSE RGBW

TFD250T-RGBW4-G1-05 L2

TFD150S-RGBW4-G1-05 L2



Application areas

Pastel colour applications
Mood lighting
Colored lighting atmospheres
Dynamic effects
IP67 for damp and outdoor environment

Approvals

CE, ROHS

Features & Benefits

- 24V Constant Voltage Dimmable LED strip with single module control
- Cuttable and controllable every 10 cm
- Luminous flux up to 280 lm/m
- High quality RGBW LEDs (4chips in 1) IP safe
- Pastel colours thanks white LED with good color rendering (4000K)
- Long lifetime: 50.000 hours
- IP67 protection
- End cap designed by the same width as the tape light
- 5 Years Inventronics Guarantee
- System solution in combination with Inventronics 24V Constant Voltage
- 2 cables soldered on each side

Electrical & Output data

Nominal Voltage	24.0 V
Accidental reverse voltage protection up to	25.0 V
Temperature range in operation @ Tc point	-20°C...+70°C
Storage Temperature	-20°C...+80°C
Ambient Temperature	-20°C...+40 °C
Power/m	15 W/m

Technical data

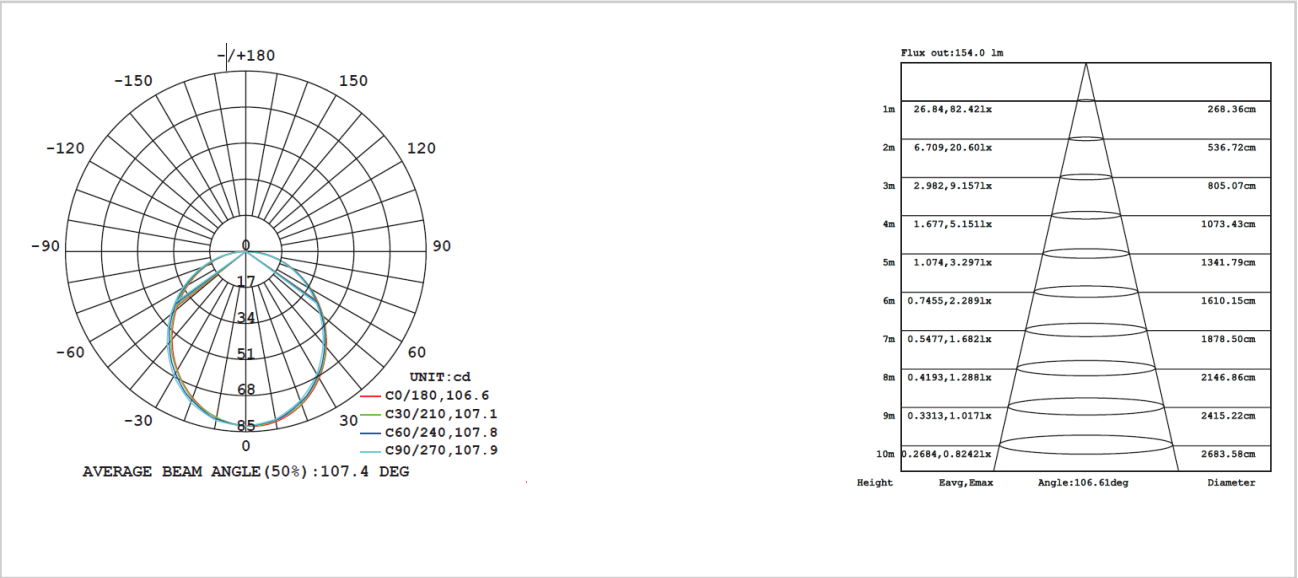
Lifetime	50.000 hrs (L70B50, Tp rated)
Complementary systems	Optional installation kits, OPTOTRONIC drivers and dimmers
Minimum bending radius	190mm diameter SIDE 250mm diameter TOP
Protection type	IP67
Dimensions	11x20x5000mm SIDE 16x20x5000mm TOP

Reference Data

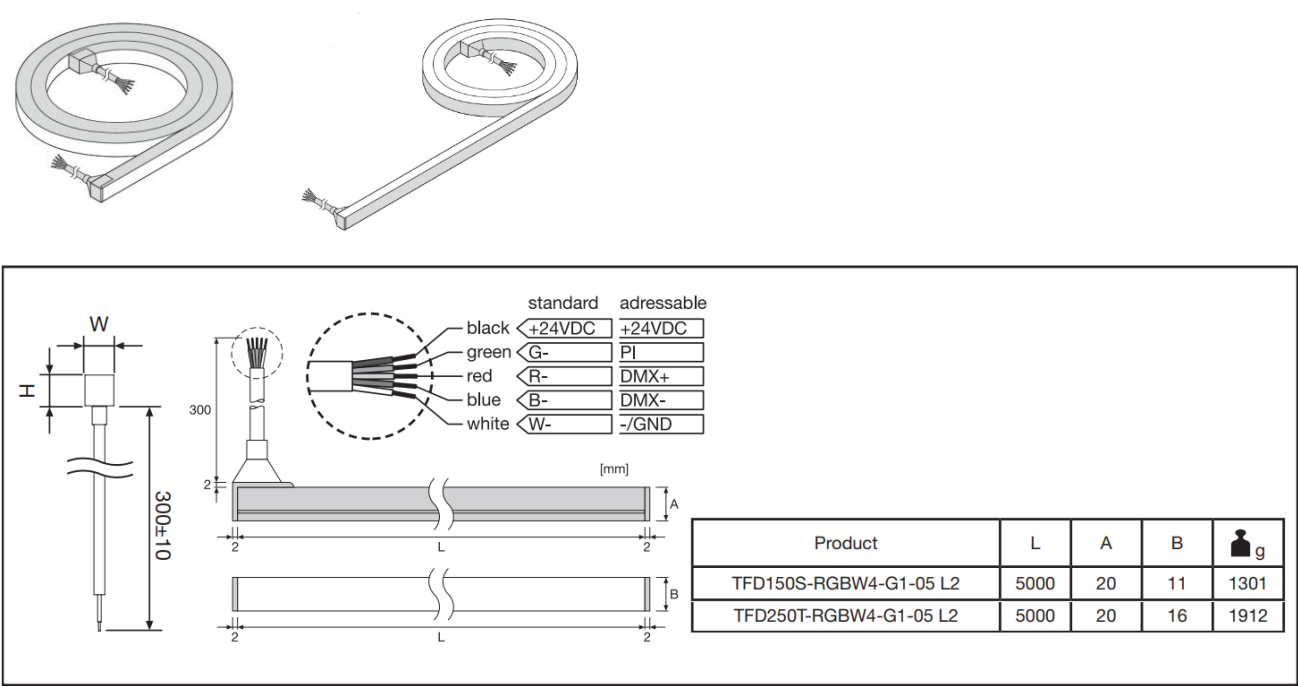
	lm/m	W/m	Luminous Efficacy [lm/W]	Performance Temp. Tp [°C]	Length [m]
TFD250TA-RGBW4-G1-05 L2	280	15,0	18,6	40	5
TFD150SA-RGBW4-G1-05 L2	160	15,0	10,6	40	5

Color		Dom. λ [nm / K]	Flux [lm/m]
●	R	625	40 TOP 20 SIDE
●	G	525	80 TOP 50 SIDE
●	B	465	20 TOP 15 SIDE
●	W	4200	120 TOP 80 SIDE

Light Distribution



Other Specifics



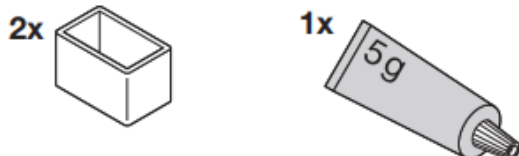
Optional Accessories

1

End-cap

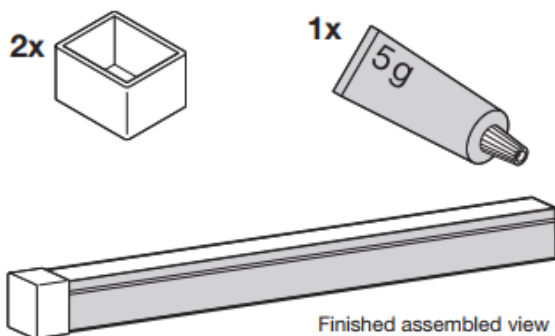
FX-TFDS-G1-ES-14H23 KIT 2 PCS (SIDE)

6977078996044



FX-TFDT-G1-ET-19H23 KIT 2 PCS (TOP)

6977078996105

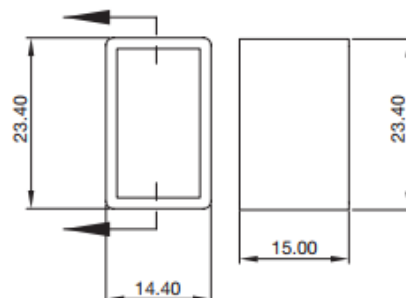


2

Accessories: End-cap

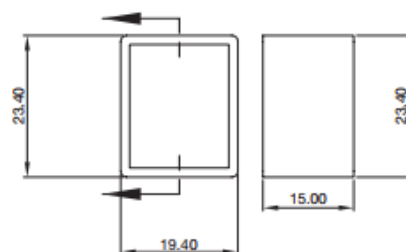
FX-TFDS-G1-ES-14H23 KIT 2 PCS (SIDE)

6977078996044



FX-TFDT-G1-ET-19H23 KIT 2 PCS (TOP)

6977078996105



[mm]

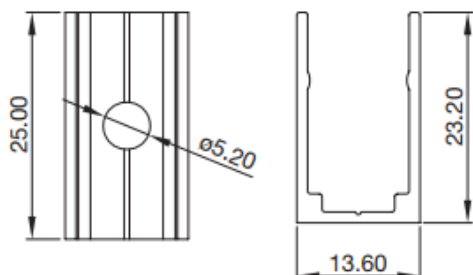
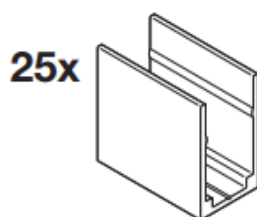
3

Accessories: Mounting Clip

1120 Mounting Clip

FX-TFDS-G1-BS-14H23-25 KIT 25 PCS (SIDE)

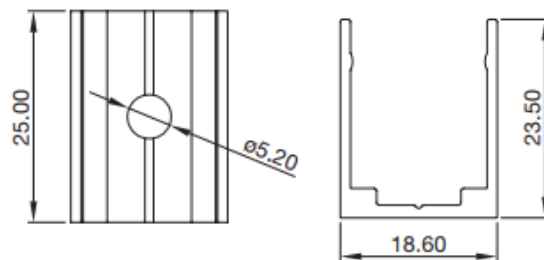
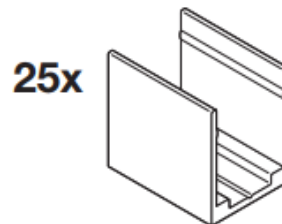
6977078996020



1620 Mounting Clip

FX-TFDT-G1-BT-19H23-25 KIT 25 PCS (TOP)

6977078996082



[mm]

Ordering Data

Product description	Product code (EAN10)	Dimensions (length x width x height)	Package content
TFD250T-RGBW4-G1-05 L2	6977078995696	5000x20x16mm	1 reel
TFD150S-RGBW4-G1-05 L2	6977078995726	5000x20x11mm	1 reel
FX-TFDS-G1-BS-14H23-25 KIT25	6977078996020	25x14x23 mm	25 pcs
FX-TFDS-G1-ES-14H23 KIT02	6977078996044	15x14x23 mm	2 pcs
FX-TFDS-G1-TS-14H23-1000 KIT10	6977078996068	1000x14x23 mm	10 pcs
FX-TDFS-G1-TSB-14H23-2000 KIT10	6977770439139	1000x11x20 mm	10 pcs
FX-TFDT-G1-BT-19H23-25 KIT25	6977078996082	25x18x23 mm	25 pcs
FX-TFDT-G1-ET-19H23 KIT02	6977078996105	15x20x23 mm	2 pcs
FX-TFDT-G1-TT-19H23-1000 KIT10	6977078996129	1000x18x23 mm	10 pcs

Disclaimer

Subject to change without notice. Errors and omission excepted. Make sure to use the most recent release. All values are average typical and cannot be used as reference for compliance tests.
Always refer to the official data on web site: [Inventronics flexible and area lighting](#)

* Always ensure that Tc will not exceed the maximum allowed value.