

TFP1000-NG2 -840-24-05 L1 (NEW)

Tec FLEX NeoGen 24V Protect | 70LEDs/m | IP67



Product family features

- Manufactured in Europe
- 24 V system for reliable and safe operation
- Available in 70 LEDs/m configurations
- Luminous flux range: from 600 lm to 2,000 lm per meter
- Dimmable via PWM technology (Safe Dimming Technology - SDT included)
- Max strip length: up to 5 meters
- Certified: CE, ENEC, VDE, CrUS, BIS
- 5-year product guarantee + 2 years system guarantee
- L70B50 @50,000h lifetime performance

Product family benefits

- Color uniformity better than 3 SDCM
- Available CCT range: from 2700 K to 4000 K
- High color rendering index: up to 90+
- High efficacy: up to 130 lm/W
- Excellent design flexibility: bendable and cuttable modules
- Premium silicone for durability and mechanical flexibility
- Delivered pre-wired with soldered cable and compatible connectors
- Self-adhesive tape for easy mounting on smooth surfaces

Areas of application

- Optional CONNECT system for simplified plug-and-play installation
- Optional SLIM TRACK system for quick and clean setup
- Fully compatible with OPTOTRONIC 24 V electronic control gears

Technical data

Electrical data

Nominal voltage	24.0 V
Type of current	DC
Nominal wattage per foot	2.3 W
Rated wattage	38.50 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 ft US	317.0 lm
Luminous efficacy	135 lm/W
Light color (designation)	White
Color Temperature	4000

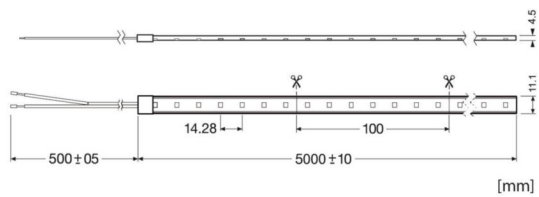
Light technical data

LED pitch [PIM] US	0.56 in
Beam angle	120 °
Starting time	Instant full light s
Warm-up time (60 %)	< 0.5 s

LED module information

Number of LEDs per foot	21
Number of LEDs per smallest unit	7

Dimensions & weight



Length US	196.9 in
Length – smallest unit US	3.94 in
Width US	0.44 in
Height US	0.18 in
Product weight US	10.09 oz
Cable cross-section, input side US	0.00077500155 in ²

Colors & materials

Cover material	Silicone
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Temperatures & operating conditions

Temperature range in operation at Tc point US	-22...+167 °F
Temperature range at storage US	-40...+185 °F

Lifespan

Rated lamp life time	50000 h
Number of switching cycles	15000

Capabilities

Lowest bending radius US	1.97 in
Self-adhesive	Yes
With connection set	No

Certificates & standards

Standards	CE / UL / ENEC / EAC / ESD / BUILT-IN
Type of protection	IP68/IP66

Environmental information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
Date of Declaration	30-03-2026
Primary Article Identifier	6937186119735
Declaration No. in SCIP database	In work
SCIP_ID	

Download Data

File		
User instruction	PDF	▶ Tec Flex NeoGen 70 IP67

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
6937186119735 INVENTRONICS	TFP1000-NG2 -840-24- 05 L1	Shipping carton box 10 Pieces	14.37 x 8.27 x 13.58 in	0.93 ft ³	17.33 oz

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
TFP1000-NG2 -840-24-05 L1	FX-QMS-G1 -TU15H6W3-300	▶ 6937186126702
TFP1000-NG2 -840-24-05 L1	FX-QMS-G2 -TU16H12-300	▶ 6937186126740
TFP1000-NG2 -840-24-05 L1	FX-QMW-G2 -TU26H25W10-200	▶ 6937186126801
TFP1000-NG2 -840-24-05 L1	FX-QMW-G2 -TU26H25-200 WH KIT5	▶ 6937186126825
TFP1000-NG2 -840-24-05 L1	FX-QMW-G2 -TU26H10-200 WS	▶ 6937186126849
TFP1000-NG2 -840-24-05 L1	FX-QMS-G2 -TU15H6-300	▶ 6937186130860
TFP1000-NG2 -840-24-05 L1	Corner surface wide profile 46x27 mm	▶ 6937186131706
TFP1000-NG2 -840-24-05 L1	ENDCAP -IP67 KIT 10PCS	▶ 6937186131850
TFP1000-NG2 -840-24-05 L1	CONN-FLEX -IP67-2P KIT 5PCS	▶ 6937186140449
TFP1000-NG2 -840-24-05 L1	JUMPER -FLEX-IP67-2P KIT 5PCS	▶ 6937186141040
TFP1000-NG2 -840-24-05 L1	LTS-SLIMTRACK -2000 KIT 5 PCS	▶ 6937186141200
TFP1000-NG2 -840-24-05 L1	CONN-FLEX -IP67-2P-300 KIT 5PCS	▶ 6937186141224
TFP1000-NG2 -840-24-05 L1	FX-QMS-G1 -TU16H12W3-300	▶ 6937186146229
TFP1000-NG2 -840-24-05 L1	LF-CLIP -FIXTURE PROTECT	▶ 6937186148360
TFP1000-NG2 -840-24-05 L1	FX-QMW-G1 -TK30D46H27-300	▶ 6937186148407
TFP1000-NG2 -840-24-05 L1	FX-QMS-G1 -TU16H12LS-300	▶ 6937186148421
TFP1000-NG2 -840-24-05 L1	Pendant wide profile 56x70 mm	▶ 6977078997805
TFP1000-NG2 -840-24-05 L1	Pendant wide profile 56x70 mm	▶ 6977078997836
TFP1000-NG2 -840-24-05 L1	Pendant wide profile 56x70 mm	▶ 6977078997867
TFP1000-NG2 -840-24-05 L1	Pendant wide profile 56x70 mm	▶ 6977078997898
TFP1000-NG2 -840-24-05 L1	Pendant wide profile 56x70 mm	▶ 6977078997928
TFP1000-NG2 -840-24-05 L1	Pendant wide profile 56x70 mm	▶ 6977078997959
TFP1000-NG2 -840-24-05 L1	null	▶ 6977078998017
TFP1000-NG2 -840-24-05 L1	null	▶ 6977078998048
TFP1000-NG2 -840-24-05 L1	null	▶ 6977078998079
TFP1000-NG2 -840-24-05 L1	null	▶ 6977078998109
TFP1000-NG2 -840-24-05 L1	null	▶ 6977078998130
TFP1000-NG2 -840-24-05 L1	null	▶ 6977078998161