

## TF400RGB -G1-05

TEC FLEX Colormix IP00 | LED modules flexible, strips, colored



### Product family features

- Luminous flux: up to 400 lm/m
- Flexible and cuttable LED strip
- Up to 50,000 hrs lifetime @ tc max
- Recommended in system use with OPTOTRONIC

### Product family benefits

- Uniform color changing
- Pre-wired LED strip, simple and quick plug-and-play installation
- Easy mounting on many smooth surfaces thanks to self-adhesive tape at the back
- Type of protection: IP00
- Dimmable (with suitable PWM dimming methods)

### Areas of application

- Effect lighting in architecture



Technical data

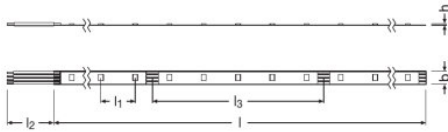
Electrical data

|                                                   |           |
|---------------------------------------------------|-----------|
| Nominal voltage                                   | 240 V     |
| Type of current                                   | DC        |
| Rated wattage                                     | 4850 W    |
| Input voltage range                               | 23...25 V |
| Accidental reverse input voltage protection up to | 25 V      |

Photometrical data

|                           |                |
|---------------------------|----------------|
| Light color LED           | RGB            |
| Luminous efficacy         | 333 lm/W       |
| Light color (designation) | Red/Green/Blue |
| Luminous flux per meter   | 380 lm         |

Dimensions & weight



|                                 |                     |
|---------------------------------|---------------------|
| Length                          | 50000 mm            |
| Product weight                  | 6500 g              |
| Cable cross-section, input side | 0.5 mm <sup>2</sup> |
| Width                           | 800 mm              |
| Height                          | 150 mm              |

Temperatures & operating conditions

|                                            |             |
|--------------------------------------------|-------------|
| Temperature range in operation at Tc point | -25...80 °C |
| Temperature range at storage               | -30...85 °C |

Additional product data

|                              |               |
|------------------------------|---------------|
| ID of contained light source | LS_SHZ_600468 |
|------------------------------|---------------|

Product datasheet

Certificates & standards

|                                                       |   |
|-------------------------------------------------------|---|
| Energy efficiency class of the contained light source | G |
|-------------------------------------------------------|---|

Logistical data

|                |             |
|----------------|-------------|
| Commodity code | 85395100000 |
|----------------|-------------|

Environmental information

| Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH) |                                                                                                    |
|-----------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| Date of Declaration                                                   | 07-07-2023                                                                                         |
| Primary Article Identifier                                            | 4062172154284                                                                                      |
| Candidate List Substance 1                                            | Lead                                                                                               |
| CAS No. of substance 1                                                | 7439-92-1                                                                                          |
| Safe Use Instruction                                                  | The identification of the Candidate List substance is sufficient to allow safe use of the article. |
| Declaration No. in SCIP database                                      | 610b9928-cf09-4dc4-9282-a76db081ba4d                                                               |

Equipment / Accessories

- Simplified connection with optional matching CONNECTsystem
- Flexessories: a complete set of aluminum channels with diffusers and lenses
- Drivers and dimmers: wide selection of OPTOTRONIC 24 V DALI, DMX and BLE



TEC Flex RGB IP00

Download Data

| File                                                                                |                                                          |
|-------------------------------------------------------------------------------------|----------------------------------------------------------|
|  | User instruction<br>TEC Flex Tunable White, TEC Flex RGB |

Product datasheet

|                                                                                   |                                                                                                            |
|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|
|  | Product Datasheet<br>TEC Flex RGB IP00 Product Datasheet, EN                                               |
|  | Brochures<br>Light is strong - Discover the versatile and flexible lighting system OSRAM 24V TEC Flex (EN) |
|  | Certificates<br>TEC Flex RGB CE 4239858 210820                                                             |
|  | Certificates<br>TF(P)RGB ENEC 35-115144 140920                                                             |
|  | Eulmdat<br>Eulmdat TF400RGB-LDT                                                                            |
|  | IES data<br>Eulmdat TF400RGB-IES                                                                           |

Ecodesign regulation information:

- This product is considered to be a "containing product" in the sense of Regulations (EU) 2019/2020 and (EU) 2019/2015. The contained light source is intended for use in applications requiring high-quality coloured light.
- Tolerances of the reported values, are according to LED Modules Performance standard IEC/EN 62717.
- In general, the replacement of the contained light sources without permanent damage to the product with the use of common available tools is possible in the final application when they can be dismantled from the installation environment and substituted for the necessary number of light sources restoring its full electrical/mechanical/thermal/optical functionality by means of a professional installer. In the contrary, and limited to the LINEARlight Flex Diffuse, LINEARlight Rigid Finesse, GINO LED Flex Diffuse and LUMINENT Milky product families, the contained light source is an integrated part of the containing product and its removal can only be done by causing a permanent damage to the containing product due to its tight mechanical, electrical, optical, thermal interaction and/or environmental protection with or from the containing product. Therefore, a replacement of the light source with the use of common available tools is not justified.
- Dismantling of light sources from containing products at end of life: Containing products with light sources which are scalable in length can be cut to the length of the contained light source and if applicable mechanically detached from protective and/or optical covers. Containing products shall be separated from building material and/or from other additional mounting accessories by means of a professional installer. Separate control gear and light sources must be disposed of at certified disposal companies in accordance with Directive 2012/19/EU (WEEE) in the EU and with Waste Electrical and Electronic Equipment (WEEE) Regulations 2013 in the UK. For this purpose, collection points for recycling centres and take-back systems (CRSO) are available from retailers or private disposal companies, which accept separate control gear and light sources free of charge. In this way, raw materials are conserved and materials are recycled.

Logistical Data

| Product code  | Product description | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Volume               | Gross weight |
|---------------|---------------------|------------------------------|--------------------------------------|----------------------|--------------|
| 4062172154284 | TF400RGB -G1-05     | Shipping carton box<br>10    | 225 mm x 240 mm x 120 mm             | 6.48 dm <sup>3</sup> | 1304.00 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.

Product datasheet

Accessories Optional

| Product description | Accessory name                | Accessory code  |
|---------------------|-------------------------------|-----------------|
| TF400RGB -G1-05     | CORNER-FLEX -4P-003 KIT 10PCS | ▶ 4062172179638 |
| TF400RGB -G1-05     | CORNER-FLEX -4P-015 KIT 10PCS | ▶ 4062172179676 |
| TF400RGB -G1-05     | CONN-FLEX -4P-050 KIT 10PCS   | ▶ 4062172179744 |
| TF400RGB -G1-05     | CONN-FLEX -4P-200 KIT 10PCS   | ▶ 4062172179768 |
| TF400RGB -G1-05     | LTS-SLIMTRACK -2000 KIT 5 PCS | ▶ 4062172207300 |
| TF400RGB -G1-05     | FX-QMS-G1 -TU15H6W3-300       | ▶ 4052899448889 |
| TF400RGB -G1-05     | FX-QMS-G1 -TU16H12W3-300      | ▶ 4052899448988 |
| TF400RGB -G1-05     | FX-QMS-G1 -TU16H12-300        | ▶ 4052899448964 |
| TF400RGB -G1-05     | FX -SC08-G2-CT4PJ             | ▶ 4052899464858 |

Disclaimer

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.