

LF05A2 -O3

LINEARlight FLEX | Colored flexible LED strips, cuttable



Areas of application

- Injection of light into displays and low-profile light guides
- Information signs, advertising or display cabinet lighting
- Backlighting of complex contours
- For decorative applications: LF05A
- Small coves and decorative applications

Product family benefits

- Low height for low-profile surface/enclosed mounting
- Low thermal output
- Flexible 3-D mounting possible
- Flexible board with double-sided adhesive tape for simple mounting
- LF05A with smaller dimensions and additional cutting options thanks to the use of the LF-2TERM end cap

Product family features

- Can be divided into the smallest unit or multiples thereof without affecting the function of the remainder of the board
- Dimmable by pulse width modulation (PWM)



Product datasheet

Technical data

Electrical data

Type of current	DC
Accidental reverse input voltage protection up to	25 V
Nominal wattage	83.00 W
Nominal voltage	24.0 V
Nominal current	3.5 A
Input voltage range	23...25 V

Photometrical data

Light color (designation)	Orange
Nominal dominant wavelength	602 nm
Luminous flux	1350 lm
Light color LED	Orange

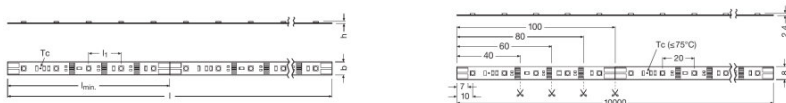
Light technical data

Beam angle	120 °
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LED module information

Number of LEDs per smallest unit	5
Number of LEDs per module	500

Dimensions & weight



Length	10000 mm
Length – smallest unit	100.0 mm
Width	8.0 mm
Height	2.4 mm
Product weight	125.00 g

Product datasheet

Temperatures & operating conditions

Temperature range in operation at T _c point	-20...75 °C ¹⁾
Temperature range at storage	-20...85 °C

¹⁾ At the T_c point

Lifespan

Lifespan	50000 h ¹⁾
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¹⁾ L70/B50 at T_c 40 °C

Additional product data

Product remark	Modules perfectly matched to OSRAM OPTOTRONIC LED drivers (see relevant table)/For current photometric data and important safety, installation and application information (see www.osram.com/led-systems)/All the technical parameters apply to the entire module. In view of the complex manufacturing process for light emitting diodes, the typical values given above for the technical LED parameters are merely statistical values that do not necessarily correspond to the actual technical parameters of an individual product; individual products may vary from the typical values
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Certificates & standards

Standards	CE; ENEC 10 VDE/EAC/UL Recognized component according UL 8750
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Logistical data

Commodity code	940540399000
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Equipment / Accessories

- Simplified connection with the optional CONNECTsystem

Download Data

File
 Product Family Datasheet 491092_LINEARlight Flex ADVANCED – LF05A2 (Monochrome Versions)
 Certificates ENEC Licence
 Certificates UL Certificate
 Declarations of conformity Declaration of conformity

Product datasheet



Eulumdat
496970_LF05A2-03 - LDT

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4052899924093	LF05A2 -03	Shipping carton box 8	365 mm x 286 mm x 366 mm	38.21 dm ³	4970.00 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.

Disclaimer

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