

LF05E -T2

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	24.50 W
Nominal voltage	24.0 V
Input voltage range	23...25 V

Photometrical data

Light color (designation)	Green
Nominal dominant wavelength	525 nm
Luminous flux	940 lm
Light color LED	Green

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	200

Dimensions & weight



Length	6000 mm ¹⁾
Length – smallest unit	150.0 mm
Width	8.0 mm
Height	2.5 mm
Product weight	39.00 g

¹⁾ LED pitch 30 mm

Product datasheet

Temperatures & operating conditions

Temperature range in operation at T _c point	-30...75 °C ¹⁾
Temperature range at storage	-40...+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

Capabilities

Dimmable	Yes ¹⁾
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¹⁾ PWM

Certificates & standards

Standards	Acc. to 2004/108/EC
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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 Datasheet 334085_LINEARlight Flex LF05E (EN)
 Eulumdat 322539_LF05E T2

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4008321955449	LF05E -T2	Shipping carton box 8	202 mm x 195 mm x 240 mm	9.45 dm ³	1481.00 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

Disclaimer

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