

LF05E -Y1-P

LINEARlight FLEX Protect | Colored flexible LED strips, cuttable



Product family features

- Flexible and cuttable LED strip
- Type of protection: IP67
- Dimmable
- Fine White
- Highly UV-resistant
- Salt mist proof

Product family benefits

- High-performance silicone for extremely long life and flexibility
- Stylish design
- Simple connection thanks to premounted connectors

Areas of application

- Decorative applications
- Wall integration
- Backlighting of complex structures
- Path lighting
- Signage



Product datasheet

Technical data

Electrical data

Type of current	DC
Accidental reverse input voltage protection up to	25 V
Nominal wattage	36.00 W
Nominal voltage	24.0 V
Nominal current	1.5 A
Input voltage range	23...25 V

Photometrical data

Light color (designation)	Yellow
Nominal dominant wavelength	587 nm
Luminous flux	840 lm
Light color LED	Yellow

Light technical data

Beam angle	120 °
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LED module information

Number of LEDs per module	200
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Dimensions & weight



Length	6000 mm ¹⁾
Length – smallest unit	150.0 mm
Width	11.0 mm
Height	4.5 mm
Cable length	500.0 mm
Product weight	500.00 g

Product datasheet

¹⁾ LED pitch 30 mm

Colors & materials

Cover material	Silicone
Body material	Silicone

Temperatures & operating conditions

Temperature range in operation at T _c point	-30...75 °C ¹⁾
Temperature range at storage	-40...+85 °C

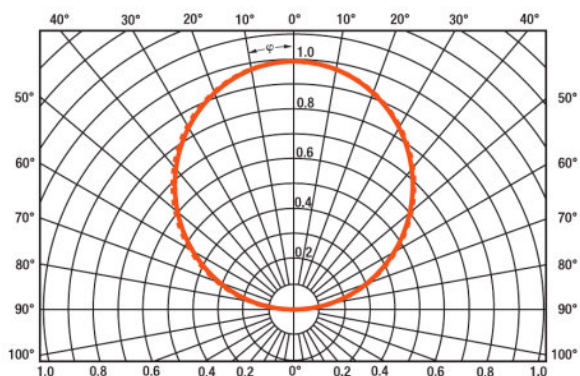
¹⁾ At the T_c point

Lifespan

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

Additional product data



327423_LINEARlight Flex

Product datasheet

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 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

Type of protection	IP67
Standards	Acc. to EN 60598-1





Logistical data

Commodity code	940540399000
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Equipment / Accessories

- CONNECTsystem LF-PROTECT
- LINEARlight Track LT

Download Data

File	
	Product Datasheet 335840_LINEARlight Flex Protect LF05E-P (EN)
	Brochures Light is freedom of design (EN)
	Declarations of conformity 466011_EC-DoC LF05A-E-P
	Eulmdat 327796_LINEARlight FLEX PROTECT LF05E-Y1-P

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4008321616975	LF05E -Y1-P	Shipping carton box 8	365 mm x 286 mm x 366 mm	38.21 dm ³	8150.00 g

Product datasheet

Logistical Data

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
LF05E -Y1-P	LF -2PIN Protect	▶ 4062172016513
LF05E -Y1-P	LF -2CONN Protect	▶ 4062172016476
LF05E -Y1-P	LF -ENDCAP Protect	▶ 4062172016438
LF05E -Y1-P	LF-CLIP -FIXTURE PROTECT	▶ 4008321644749
LF05E -Y1-P	LF-LTS -2100	▶ 4008321978981

Disclaimer

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