

## LF05E -R1-P

LINEARlight FLEX Protect | Colored flexible LED strips, cuttable



### Areas of application

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

### Product family benefits

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

### Product family features

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



# Product datasheet

## Technical data

### Electrical data

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

### Photometrical data

Light color (designation)	Red
Nominal dominant wavelength	625 nm
Luminous flux	840 lm
Light color LED	Red

### 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	NaN mm <sup>1)</sup>
Length – smallest unit	150.0 mm
Width	NaN mm
Height	4.5 mm

<sup>1)</sup> LED pitch 30 mm

### Colors & materials

Cover material	Silicone
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## Product datasheet

<b>Body material</b>	Silicone
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### Temperatures & operating conditions

<b>Temperature range in operation at T<sub>c</sub> point</b>	-30...75 °C <sup>1)</sup>
<b>Temperature range at storage</b>	-40...+85 °C

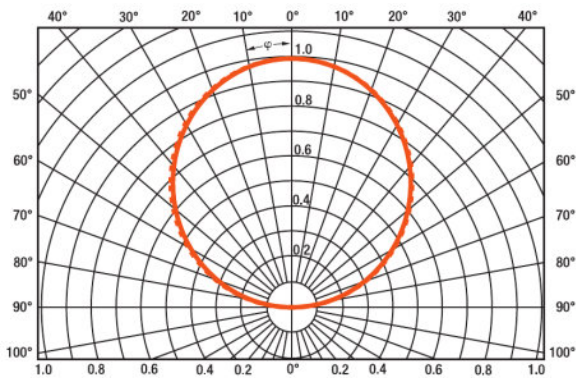
<sup>1)</sup> At the T<sub>c</sub> point

### Lifespan

<b>Lifespan</b>	50000 h <sup>1)</sup>
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<sup>1)</sup> L70/B50 at T<sub>c</sub> 40 °C

### Additional product data



### Luminous intensity distribution

<b>Product remark</b>	Modules perfectly matched to OSRAM OPTOTRONIC LED drivers (see relevant table)/For current photometric data and important safety, installation and application information (see <a href="http://www.osram.com/led-systems">www.osram.com/led-systems</a> )/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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## Product datasheet

### Capabilities

<b>Dimmable</b>	Yes <sup>1)</sup>
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<sup>1)</sup> PWM




### Certificates & standards

<b>Type of protection</b>	IP67
<b>Standards</b>	Acc. to EN 60598-1

### Equipment / Accessories

- CONNECTsystem LF-PROTECT
- LINEARlight Track LT

### Download Data

File	
	Product Datasheet 335840_LINEARlight Flex Protect LF05E-P (EN)
	Declarations of conformity 466011_EC-DoC LF05A-E-P
	Eulmdat 327791_LINEARlight FLEX PROTECT LF05E-R1-P

### Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4008321616937	LF05E -R1-P	Shipping carton box 8	366 mm x 366 mm x 286 mm	38.31 dm <sup>3</sup>	8150.00 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.