

LF06P2 -W5F-840

LINEARlight POWER Flex | LED modules for professional and industrial applications



Areas of application

- Cove lighting
- Signage
- Advertising and lettering

Product benefits

- High luminous flux
- Great design freedom thanks to flexibility and cuttability of module
- Simple mounting and connection
- Toolless connection with the optional CONNECTsystem
- Easy mounting on many smooth surfaces thanks to self-adhesive tape at the back

Product features

- Flexible and cuttable LED strip
- Luminous flux: up to 1,850 lm/m
- Module efficacy: up to 82 lm/W
- Dimmable
- Fine White (3 SDCM)



Technical data

Electrical data

Nominal voltage	24.0 V
Type of current	DC
Nominal wattage per meter	22.7 W
Rated wattage	68.00 W
Input voltage range	23...25 V
Reverse Voltage	25 V

Photometrical data

Light color LED	White
Color temperature	4000 K
Color rendering index Ra	>80
Luminous flux per meter	1850 lm
Total useful luminous flux	5544 lm
Luminous efficacy	82 lm/W
Standard deviation of color matching	≤3 sdcn
Light color (designation)	Cool White

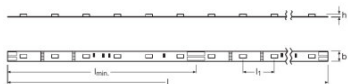
Light technical data

LED pitch	25.0 mm
Beam angle	120 °
Starting time	0.0 s
Warm-up time (60 %)	0.00 s

LED module information

Number of LEDs per meter	40
Number of LEDs per smallest unit	6

Dimensions & weight



Length	3000 mm ¹⁾
Length – smallest unit	150.0 mm
Width	8.0 mm
Height	2.5 mm
Product weight	31.00 g

¹⁾ LED pitch 25 mm

Temperatures & operating conditions

Temperature range in operation	-20...75 °C ¹⁾
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¹⁾ At the T_c point

Lifespan

Rated lamp life time	50000 h ¹⁾
Nominal lamp life time	50000 h
Number of switching cycles	15000

¹⁾ At $T_a < 40$ °C

Additional product data

Successor EAN	4052899953024
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Capabilities

Dimmable	Yes
Lowest bending radius	20 mm
Self-adhesive	Yes
With connection set	No
With end piece	No

Certificates & standards

Product datasheet

Energy efficiency class	A+
Energy consumption	4 kWh/1000h
Standards	CE/UL/ENEC/VDE
Type of protection	IP20











Logistical data

Temperature range at storage	-20...80 °C
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Equipment / Accessories

- Simplified connection with optional matching CONNECTsystem
- Quick installation with optional SLIM TRACK System
- Perfectly matched to OPTOTRONIC 24 V electronic control gears

Download Data

File	
	Addon Technical Information 685717_BinningSheet - LF06P2
	Product Family Datasheet 707500_Technical Datasheet LF06P2
	Brochures Light is freedom of design (EN)
	Brochures 683082_Light is FLEXible - Book of inspiration (GB)
	Certificates EAC Certificate
	Certificates VDE-ENEC Certificate
	Certificates UL Certificate
	Declarations of conformity Declaration of conformity
	Declarations of conformity Manufacturer declaration
	Eulumdat 346253_LINEARLIGHT POWER FLEX LF06P2-W5F-840

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4008321971319	LF06P2 -W5F-840	Shipping carton box 8	241 mm x 195 mm x 205 mm	9.63 dm ³	1417.00 g

Product datasheet

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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.