

## LINEARlight FLEX Protect ShortPitch

LED modules for professional and industrial applications



### Areas of application

- Suitable for outdoor use

### Product benefits

- Very small LED spacing
- Outdoor use possible: UV and salt mist resistant (UV acc. to ISO 4892-2 - Method A, salt mist acc. to IEC 60068-2-52 severity 1)
- Great design freedom thanks to flexibility and cuttability of module
- High-performance silicone for extremely long life and flexibility
- Simple connection thanks to premounted connectors
- Extraordinary design and high quality materials
- 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 810 lm/m
- Type of protection: IP67
- Dimmable
- Fine White (3.5 SDCM)



## Product family datasheet

### Technical data

#### Electrical data

Product description	Nominal voltage	Rated wattage	Nominal wattage per meter
LF06S -830-P	24.0 V	57.60 W	8.3 W
LF06S -840-P	24.0 V	49.80 W	9.6 W
LF06S -854-P	24.0 V	52.80 W	8.8 W
LF06S -876-P	24.0 V	49.80 W	9.6 W

#### Photometrical data

Product description	Color temperature	Light color LED	Luminous flux per meter	Luminous flux	Luminous efficacy
LF06S -830-P	3000 K	White	700 lm	4200 lm	73 lm/W
LF06S -840-P	4000 K	White	700 lm	4200 lm	73 lm/W
LF06S -854-P	5400 K	White	760 lm	4560 lm	86 lm/W
LF06S -876-P	7600 K	White	760 lm	4560 lm	79 lm/W

#### Light technical data

Product description	Beam angle
LF06S -830-P	120 °
LF06S -840-P	120 °
LF06S -854-P	120 °
LF06S -876-P	120 °

#### LED module information

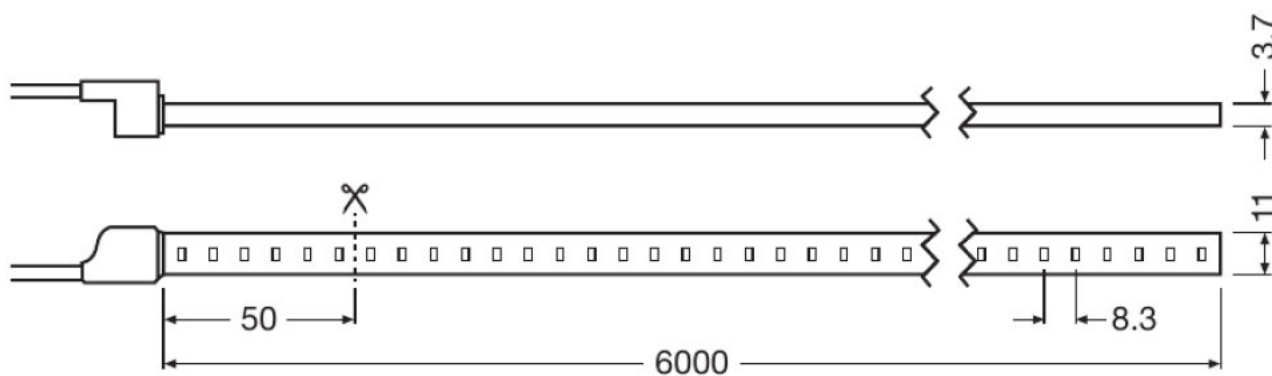
Product description	Number of LEDs per module	Number of LEDs per meter
LF06S -830-P	720	120
LF06S -840-P	720	120
LF06S -854-P	720	120
LF06S -876-P	720	120

## Product family datasheet

### Dimensions & weight

Product description	Length	Width	Height	Product weight
LF06S -830-P	6000 mm	11.0 mm	3.7 mm	330.00 g
LF06S -840-P	6000 mm	11.0 mm	3.7 mm	330.00 g
LF06S -854-P	6000 mm	11.0 mm	3.7 mm	330.00 g
LF06S -876-P	6000 mm	11.0 mm	3.7 mm	330.00 g

### Product line drawing



LF06S -830-P, LF06S -840-P, LF06S -854-P, LF06S -876-P

### Certificates & standards

Product description	Standards
LF06S -830-P	CE/UL/ENEC
LF06S -840-P	CE/UL/ENEC
LF06S -854-P	CE/UL/ENEC
LF06S -876-P	CE/UL/ENEC

## Product family datasheet

### Logistical data

Product description	Temperature range at storage
LF06S -830-P	-40...100 °C
LF06S -840-P	-40...100 °C
LF06S -854-P	-40...100 °C
LF06S -876-P	-40...100 °C

### Equipment / Accessories

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

### Application advice

For more detailed application information and graphics please see product datasheet.




### Sales and Technical Support

Sales and Technical Support [www.osram.com](http://www.osram.com)

### Country specific information

Product description	Product code	METEL-Code	SEG-No.	STK number	UK Org
LF06S -830-P	4052899091979	-	-	4030287	-
LF06S -840-P	4052899092150	-	-	4030288	-
LF06S -854-P	4052899092273	-	-	4030289	-
LF06S -876-P	4052899092396	-	-	4030290	-

### Download Data

File
 Addon Technical Information 685720_BinningSheet - LF06S
 Addon Technical Information 494747_Binning information - LF06S-P
 Eulumdat 722867_Eulumdat file LF06S-830-P

## Product family datasheet



Eulumdat  
722868\_Eulumdat file LF06S-840-P



Eulumdat  
722869\_Eulumdat file LF06S-854-P



Eulumdat  
722870\_Eulumdat file LF06S-876-P

### Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4052899091979	LF06S -830-P	Shipping carton box 8	365 mm x 286 mm x 366 mm	38.21 dm <sup>3</sup>	6858.00 g
4052899092150	LF06S -840-P	Shipping carton box 8	365 mm x 286 mm x 366 mm	38.21 dm <sup>3</sup>	5738.00 g
4052899092273	LF06S -854-P	Shipping carton box 8	365 mm x 286 mm x 366 mm	38.21 dm <sup>3</sup>	5738.00 g
4052899092396	LF06S -876-P	Shipping carton box 8	365 mm x 286 mm x 366 mm	38.21 dm <sup>3</sup>	5738.00 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.