

LINEARlight FLEX Tunable White

LED modules for professional and industrial applications



Product family datasheet

Technical data

Electrical data

Product description	Nominal voltage	Rated wattage	Reverse Voltage	Input voltage range
LF4000TW -G3-827/865-02	24.0 V	77.30 W	25 V	23...25 V
LF3000TW -G3-827/865-03	24.0 V	89.90 W	25 V	23...25 V
LF2000TW -G3-827/865-04	24.0 V	83.20 W	25 V	23...25 V
LF1200TW -G3-827/865-09	24.0 V	94.50 W	25 V	23...25 V

Photometrical data

Product description	Light color (designation)	Light color LED	Luminous efficacy
LF4000TW -G3-827/865-02	Dynamic White	Tunable White	91 lm/W
LF3000TW -G3-827/865-03	Dynamic White	Tunable White	100 lm/W
LF2000TW -G3-827/865-04	Dynamic White	Tunable White	108 lm/W
LF1200TW -G3-827/865-09	Dynamic White	Tunable White	114 lm/W

Light technical data

Product description	Beam angle
LF4000TW -G3-827/865-02	120 °
LF3000TW -G3-827/865-03	120 °
LF2000TW -G3-827/865-04	120 °
LF1200TW -G3-827/865-09	120 °

LED module information

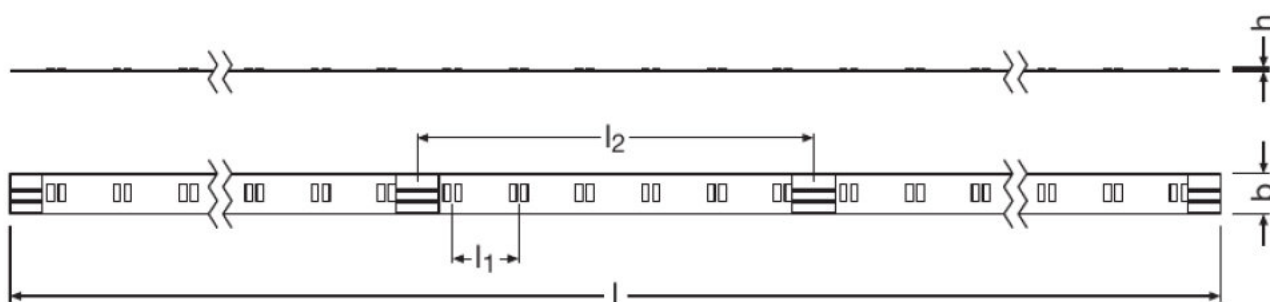
Product description	Number of LEDs per module	Number of LEDs per meter
LF4000TW -G3-827/865-02	336	160
LF3000TW -G3-827/865-03	480	160
LF2000TW -G3-827/865-04	720	160
LF1200TW -G3-827/865-09	1440	160

Product family datasheet

Dimensions & weight

Product description	Length	Width	Height	Product weight
LF4000TW -G3-827/865-02	2100 mm	8.0 mm	1.45 mm	25.00 g
LF3000TW -G3-827/865-03	3000 mm	8.0 mm	1.45 mm	36.00 g
LF2000TW -G3-827/865-04	4500 mm	8.0 mm	1.45 mm	53.00 g
LF1200TW -G3-827/865-09	9000 mm	8.0 mm	1.45 mm	106.00 g

Product line drawing



LF4000TW -G3-827/865-02, LF3000TW -G3-827/865-03, LF2000TW -G3-827/865-04, LF1200TW -G3-827/865-09

Temperatures & operating conditions

Product description	Temperature range in operation
LF4000TW -G3-827/865-02	-20...85 °C
LF3000TW -G3-827/865-03	-20...85 °C
LF2000TW -G3-827/865-04	-20...85 °C
LF1200TW -G3-827/865-09	-20...85 °C

Product family datasheet

Logistical data

Product description	Temperature range at storage
LF4000TW -G3-827/865-02	-40...85 °C
LF3000TW -G3-827/865-03	-40...85 °C
LF2000TW -G3-827/865-04	-40...85 °C
LF1200TW -G3-827/865-09	-40...85 °C











Application advice

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

Sales and Technical Support

Sales and Technical Support www.osram.com

Download Data

File	
	Product Datasheet 727335_LINEARLIGHT FLEX POWER TUNABLE WHITE TECHNICAL DATASHEET
	Eulumdat 727228_LF4000TW-G3-827-865-02_LDT
	IES data 727227_LF4000TW-G3-827-865-02_IES
	IES data 727226_LF4000TW-G3-827-865-02_IES
	Eulumdat 727215_LF3000TW-G3-827-865-03_LDT
	IES data 727214_LF3000TW-G3-827-865-03_IES
	Eulumdat 727189_LF2000TW-G3-827-865-04_LDT
	IES data 727188_LF2000TW-G3-827-865-04_IES
	Eulumdat 727163_LF1200TW-G3-827-865-09_LTD
	IES data 727162_LF1200TW-G3-827-865-09_IES

Product family datasheet

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4052899953260	LF4000TW -G3-827/865-02	Shipping carton box 8	241 mm x 195 mm x 205 mm	9.63 dm ³	1133.00 g
4052899953277	LF3000TW -G3-827/865-03	Shipping carton box 8	241 mm x 195 mm x 205 mm	9.63 dm ³	1221.00 g
4052899953284	LF2000TW -G3-827/865-04	Shipping carton box 8	241 mm x 195 mm x 205 mm	9.63 dm ³	1357.00 g
4052899953161	LF1200TW -G3-827/865-09	Shipping carton box 8	241 mm x 195 mm x 205 mm	9.63 dm ³	1781.00 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.

Accessories Optional

Product description	Accessory name	Accessory code
LF4000TW -G3-827/865-02	LINEARlight Colormix Flex, -WIRE-30 FLEX SC	▶ 4008321875594
LF4000TW -G3-827/865-02	LINEARlight Colormix Flex, -WIRE-150 FLEX SC	▶ 4008321875570
LF3000TW -G3-827/865-03	LINEARlight Colormix Flex, -WIRE-30 FLEX SC	▶ 4008321875594
LF3000TW -G3-827/865-03	LINEARlight Colormix Flex, -WIRE-150 FLEX SC	▶ 4008321875570
LF2000TW -G3-827/865-04	LINEARlight Colormix Flex, -WIRE-30 FLEX SC	▶ 4008321875594
LF2000TW -G3-827/865-04	LINEARlight Colormix Flex, -WIRE-150 FLEX SC	▶ 4008321875570
LF1200TW -G3-827/865-09	LINEARlight Colormix Flex, -WIRE-30 FLEX SC	▶ 4008321875594
LF1200TW -G3-827/865-09	LINEARlight Colormix Flex, -WIRE-150 FLEX SC	▶ 4008321875570

Disclaimer

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