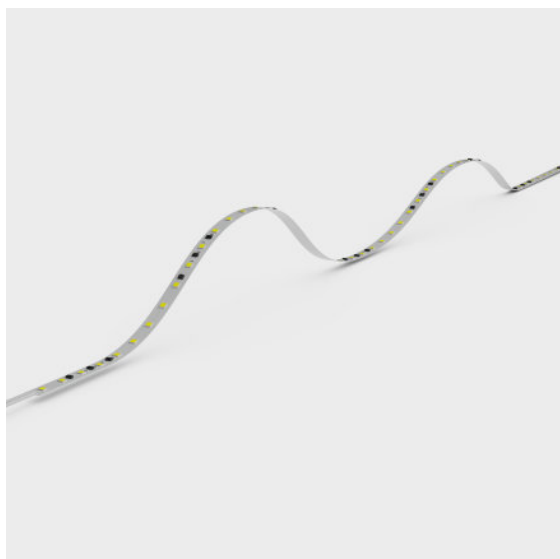


LINEARlight FLEX Infinite IP00

– LED modules for professional and industrial applications



Product family features

- Flexible and cuttable LED strip
- Luminous flux: up to 4,000 lm/m
- Dimmable with PWM technology

Product family benefits

- Color uniformity better than 2 SDCM on the entire LED strip and between strips
- High color fidelity to beautify every design
- High luminous flux
- Large selection of light colors
- Great design freedom thanks to flexibility and cuttability of module
- High-performance silicone for extremely long life and flexibility
- Extraordinary design and high quality materials
- Easy mounting on many smooth surfaces thanks to self-adhesive tape at the back
- Pre-wired LED strip, simple and quick plug-and-play installation
- 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)



Product family datasheet

Technical data

Product description	Electrical data						Photometrical data
	Nominal voltage	Type of current	Nominal wattage per meter	Rated wattage	Input voltage range	Accidental reverse input voltage protection up to	Color rendering index Ra
LF500I-G1 -824-24-09 L1 FS1	24.0 V	DC	4.0 W	36.00 W	23...25 V	25 V	80
LF500I-G1 -827-24-09 L1 FS1	24.0 V	DC	4.0 W	36.00 W	23...25 V	25 V	80
LF500I-G1 -830-24-09 L1 FS1	24.0 V	DC	4.0 W	36.00 W	23...25 V	25 V	80
LF500I-G1 -840-24-09 L1 FS1	24.0 V	DC	4.0 W	36.00 W	23...25 V	25 V	80
LF500I-G1 -924-24-09 L1 FS1	24.0 V	DC	4.0 W	36.00 W	23...25 V	25 V	90
LF500I-G1 -927-24-09 L1 FS1	24.0 V	DC	4.0 W	36.00 W	23...25 V	25 V	90
LF500I-G1 -930-24-09 L1 FS1	24.0 V	DC	4.0 W	36.00 W	23...25 V	25 V	90
LF500I-G1 -940-24-09 L1 FS1	24.0 V	DC	4.0 W	36.00 W	23...25 V	25 V	90
LF1500I-G1 -824-24-06 L1 FS1	24.0 V	DC	9.4 W	56.40 W	23...25 V	25 V	80
LF1500I-G1 -827-24-06 L1 FS1	24.0 V	DC	9.4 W	56.40 W	23...25 V	25 V	80
LF1500I-G1 -830-24-06 L1 FS1	24.0 V	DC	9.4 W	56.40 W	23...25 V	25 V	80
LF1500I-G1 -840-24-06 L1 FS1	24.0 V	DC	9.4 W	56.40 W	23...25 V	25 V	80
LF1500I-G1 -924-24-06 L1 FS1	24.0 V	DC	9.4 W	56.40 W	23...25 V	25 V	90
LF1500I-G1 -927-24-06 L1 FS1	24.0 V	DC	9.4 W	56.40 W	23...25 V	25 V	90
LF1500I-G1 -930-24-06 L1 FS1	24.0 V	DC	9.4 W	56.40 W	23...25 V	25 V	90
LF1500I-G1 -940-24-06 L1 FS1	24.0 V	DC	9.4 W	56.40 W	23...25 V	25 V	90
LF3000I-G1 -824-24-03 L1 FS1	24.0 V	DC	19.2 W	57.60 W	23...25 V	25 V	80
LF3000I-G1 -827-24-03 L1 FS1	24.0 V	DC	19.2 W	57.60 W	23...25 V	25 V	80
LF3000I-G1 -830-24-03 L1 FS1	24.0 V	DC	19.2 W	57.60 W	23...25 V	25 V	80
LF3000I-G1 -840-24-03 L1 FS1	24.0 V	DC	19.2 W	57.60 W	23...25 V	25 V	80
LF3000I-G1 -924-24-03 L1 FS1	24.0 V	DC	19.2 W	57.60 W	23...25 V	25 V	90
LF3000I-G1 -927-24-03 L1 FS1	24.0 V	DC	19.2 W	57.60 W	23...25 V	25 V	90
LF3000I-G1 -930-24-03 L1 FS1	24.0 V	DC	19.2 W	57.60 W	23...25 V	25 V	90
LF3000I-G1 -940-24-03 L1 FS1	24.0 V	DC	19.2 W	57.60 W	23...25 V	25 V	90
LF4000I-G1 -824-24-03 L1 FS1	24.0 V	DC	25.2 W	75.60 W	23...25 V	25 V	80
LF4000I-G1 -827-24-03 L1 FS1	24.0 V	DC	25.2 W	75.60 W	23...25 V	25 V	80
LF4000I-G1 -830-24-03 L1 FS1	24.0 V	DC	25.2 W	75.60 W	23...25 V	25 V	80
LF4000I-G1 -840-24-03 L1 FS1	24.0 V	DC	25.2 W	75.60 W	23...25 V	25 V	80
LF4000I-G1 -924-24-03 L1 FS1	24.0 V	DC	25.2 W	75.60 W	23...25 V	25 V	90
LF4000I-G1 -927-24-03 L1 FS1	24.0 V	DC	25.2 W	75.60 W	23...25 V	25 V	90
LF4000I-G1 -930-24-03 L1 FS1	24.0 V	DC	25.2 W	75.60 W	23...25 V	25 V	90
LF4000I-G1 -940-24-03 L1 FS1	24.0 V	DC	25.2 W	75.60 W	23...25 V	25 V	90

Product family datasheet

Product description	Luminous flux per meter	Luminous efficacy	Light color (designation)	Color temperature	Light technical data		
					LED pitch	Beam angle	Starting time
LF500I-G1 -824-24-09 L1 FS1	565 lm	141.3 lm/W	2400 K	2400 K	12.5 mm	120 °	< 0.5 s
LF500I-G1 -827-24-09 L1 FS1	590 lm	147.5 lm/W	2700 K	2700 K	12.5 mm	120 °	< 0.5 s
LF500I-G1 -830-24-09 L1 FS1	630 lm	157.5 lm/W	3000 K	3000 K	12.5 mm	120 °	< 0.5 s
LF500I-G1 -840-24-09 L1 FS1	655 lm	163.8 lm/W	4000 K	4000 K	12.5 mm	120 °	< 0.5 s
LF500I-G1 -924-24-09 L1 FS1	465 lm	116.3 lm/W	2400 K	2400 K	12.5 mm	120 °	< 0.5 s
LF500I-G1 -927-24-09 L1 FS1	490 lm	122.5 lm/W	2700 K	2700 K	12.5 mm	120 °	< 0.5 s
LF500I-G1 -930-24-09 L1 FS1	520 lm	130 lm/W	3000 K	3000 K	12.5 mm	120 °	< 0.5 s
LF500I-G1 -940-24-09 L1 FS1	540 lm	135 lm/W	4000 K	4000 K	12.5 mm	120 °	< 0.5 s
LF1500I-G1 -824-24-06 L1 FS1	1340 lm	142.6 lm/W	2400 K	2400 K	12.5 mm	120 °	< 0.5 s
LF1500I-G1 -827-24-06 L1 FS1	1400 lm	148.9 lm/W	2700 K	2700 K	12.5 mm	120 °	< 0.5 s
LF1500I-G1 -830-24-06 L1 FS1	1500 lm	159.6 lm/W	3000 K	3000 K		120 °	< 0.5 s
LF1500I-G1 -840-24-06 L1 FS1	1570 lm	167 lm/W	4000 K	4000 K		120 °	< 0.5 s
LF1500I-G1 -924-24-06 L1 FS1	1110 lm	118.1 lm/W	2400 K	2400 K		120 °	< 0.5 s
LF1500I-G1 -927-24-06 L1 FS1	1160 lm	123.4 lm/W	2700 K	2700 K		120 °	< 0.5 s
LF1500I-G1 -930-24-06 L1 FS1	1230 lm	130.9 lm/W	3000 K	3000 K		120 °	< 0.5 s
LF1500I-G1 -940-24-06 L1 FS1	1300 lm	138.3 lm/W	4000 K	4000 K		120 °	< 0.5 s
LF3000I-G1 -824-24-03 L1 FS1	2700 lm	140.6 lm/W	2400 K	2400 K		120 °	< 0.5 s
LF3000I-G1 -827-24-03 L1 FS1	2810 lm	146.4 lm/W	2700 K	2700 K		120 °	< 0.5 s
LF3000I-G1 -830-24-03 L1 FS1	3020 lm	157.3 lm/W	3000 K	3000 K		120 °	< 0.5 s
LF3000I-G1 -840-24-03 L1 FS1	3120 lm	162.5 lm/W	4000 K	4000 K		120 °	< 0.5 s
LF3000I-G1 -924-24-03 L1 FS1	2220 lm	115.6 lm/W	2400 K	2400 K		120 °	< 0.5 s
LF3000I-G1 -927-24-03 L1 FS1	2310 lm	120.3 lm/W	2700 K	2700 K		120 °	< 0.5 s
LF3000I-G1 -930-24-03 L1 FS1	2470 lm	128.6 lm/W	3000 K	3000 K		120 °	< 0.5 s
LF3000I-G1 -940-24-03 L1 FS1	2600 lm	135.4 lm/W	4000 K	4000 K		120 °	< 0.5 s
LF4000I-G1 -824-24-03 L1 FS1	3450 lm	136.9 lm/W	2400 K	2400 K		120 °	< 0.5 s
LF4000I-G1 -827-24-03 L1 FS1	3610 lm	143.3 lm/W	2700 K	2700 K		120 °	< 0.5 s
LF4000I-G1 -830-24-03 L1 FS1	3900 lm	154.8 lm/W	3000 K	3000 K		120 °	< 0.5 s
LF4000I-G1 -840-24-03 L1 FS1	4020 lm	159.5 lm/W	4000 K	4000 K		120 °	< 0.5 s
LF4000I-G1 -924-24-03 L1 FS1	2850 lm	113.1 lm/W	2400 K	2400 K		120 °	< 0.5 s
LF4000I-G1 -927-24-03 L1 FS1	2990 lm	118.7 lm/W	2700 K	2700 K		120 °	< 0.5 s
LF4000I-G1 -930-24-03 L1 FS1	3200 lm	127 lm/W	3000 K	3000 K		120 °	< 0.5 s
LF4000I-G1 -940-24-03 L1 FS1	3350 lm	132.9 lm/W	4000 K	4000 K	12.5 mm	120 °	< 0.5 s

Product description	Warm-up time (60 %)	LED module information		Dimensions & weight		
		Number of LEDs per meter	Number of LEDs per smallest unit	Length	Length – smallest unit	Product weight
LF500I-G1 -824-24-09 L1 FS1	< 0.50 s	80	4	9000 mm	50.0 mm	105.00 g
LF500I-G1 -827-24-09 L1 FS1	< 0.50 s	80	4	9000 mm	50.0 mm	105.00 g
LF500I-G1 -830-24-09 L1 FS1	< 0.50 s	80	4	9000 mm	50.0 mm	105.00 g
LF500I-G1 -840-24-09 L1 FS1	< 0.50 s	80	4	9000 mm	50.0 mm	105.00 g
LF500I-G1 -924-24-09 L1 FS1	< 0.50 s	80	4	9000 mm	50.0 mm	105.00 g
LF500I-G1 -927-24-09 L1 FS1	< 0.50 s	80	4	9000 mm	50.0 mm	105.00 g

Product family datasheet

Product description	Warm-up time (60 %)	LED module information		Dimensions & weight		
		Number of LEDs per meter	Number of LEDs per smallest unit	Length	Length – smallest unit	Product weight
LF500I-G1 -930-24-09 L1 FS1	< 0.50 s	80	4	9000 mm	50.0 mm	105.00 g
LF500I-G1 -940-24-09 L1 FS1	< 0.50 s	80	4	9000 mm	50.0 mm	105.00 g
LF1500I-G1 -824-24-06 L1 FS1	< 0.50 s	80	4	6000 mm	50.0 mm	73.00 g
LF1500I-G1 -827-24-06 L1 FS1	< 0.50 s	80	4	6000 mm	50.0 mm	73.00 g
LF1500I-G1 -830-24-06 L1 FS1	< 0.50 s	80	4	6000 mm	50.0 mm	73.00 g
LF1500I-G1 -840-24-06 L1 FS1	< 0.50 s	80	4	6000 mm	50.0 mm	73.00 g
LF1500I-G1 -924-24-06 L1 FS1	< 0.50 s	80	4	6000 mm	50.0 mm	73.00 g
LF1500I-G1 -927-24-06 L1 FS1	< 0.50 s	80	4	6000 mm	50.0 mm	73.00 g
LF1500I-G1 -930-24-06 L1 FS1	< 0.50 s	80	4	6000 mm	50.0 mm	73.00 g
LF1500I-G1 -940-24-06 L1 FS1	< 0.50 s	80	4	6000 mm	50.0 mm	73.00 g
LF3000I-G1 -824-24-03 L1 FS1	< 0.50 s	80	4	3000 mm	50.0 mm	40.00 g
LF3000I-G1 -827-24-03 L1 FS1	< 0.50 s	80	4	3000 mm	50.0 mm	40.00 g
LF3000I-G1 -830-24-03 L1 FS1	< 0.50 s	80	4	3000 mm	50.0 mm	40.00 g
LF3000I-G1 -840-24-03 L1 FS1	< 0.50 s	80	4	3000 mm	50.0 mm	40.00 g
LF3000I-G1 -924-24-03 L1 FS1	< 0.50 s	80	4	3000 mm	50.0 mm	40.00 g
LF3000I-G1 -927-24-03 L1 FS1	< 0.50 s	80	4	3000 mm	50.0 mm	40.00 g
LF3000I-G1 -930-24-03 L1 FS1	< 0.50 s	80	4	3000 mm	50.0 mm	40.00 g
LF3000I-G1 -940-24-03 L1 FS1	< 0.50 s	80	4	3000 mm	50.0 mm	40.00 g
LF4000I-G1 -824-24-03 L1 FS1	< 0.50 s	80	4	3000 mm	50.0 mm	40.00 g
LF4000I-G1 -827-24-03 L1 FS1	< 0.50 s	80	4	3000 mm	50.0 mm	40.00 g
LF4000I-G1 -830-24-03 L1 FS1	< 0.50 s	80	4	3000 mm	50.0 mm	40.00 g
LF4000I-G1 -840-24-03 L1 FS1	< 0.50 s	80	4	3000 mm	50.0 mm	40.00 g
LF4000I-G1 -924-24-03 L1 FS1	< 0.50 s	80	4	3000 mm	50.0 mm	40.00 g
LF4000I-G1 -927-24-03 L1 FS1	< 0.50 s	80	4	3000 mm	50.0 mm	40.00 g
LF4000I-G1 -930-24-03 L1 FS1	< 0.50 s	80	4	3000 mm	50.0 mm	40.00 g
LF4000I-G1 -940-24-03 L1 FS1	< 0.50 s	80	4	3000 mm	50.0 mm	40.00 g

Product description	Temperatures & operating conditions				Lifespan
	Performance temp. acc. to IEC 62717	Temperature range in operation at Tc point	Ambient temperature range	Temperature range at storage	Rated lamp life time
LF500I-G1 -824-24-09 L1 FS1	30 °C	-30...85 °C ¹⁾	-30...+55 °C ²⁾	-40...+85 °C	60000 h
LF500I-G1 -827-24-09 L1 FS1	30 °C	-30...85 °C ¹⁾	-30...+55 °C ²⁾	-40...+85 °C	60000 h
LF500I-G1 -830-24-09 L1 FS1	30 °C	-30...85 °C ¹⁾	-30...+55 °C ²⁾	-40...+85 °C	60000 h
LF500I-G1 -840-24-09 L1 FS1	30 °C	-30...85 °C ¹⁾	-30...+55 °C ²⁾	-40...+85 °C	60000 h
LF500I-G1 -924-24-09 L1 FS1	30 °C	-30...85 °C ¹⁾	-30...+55 °C ²⁾	-40...+85 °C	60000 h
LF500I-G1 -927-24-09 L1 FS1	30 °C	-30...85 °C ¹⁾	-30...+55 °C ²⁾	-40...+85 °C	60000 h
LF500I-G1 -930-24-09 L1 FS1	30 °C	-30...85 °C ¹⁾	-30...+55 °C ²⁾	-40...+85 °C	60000 h
LF500I-G1 -940-24-09 L1 FS1	30 °C	-30...85 °C ¹⁾	-30...+55 °C ²⁾	-40...+85 °C	60000 h
LF1500I-G1 -824-24-06 L1 FS1	36 °C	-30...85 °C ¹⁾	-30...+55 °C ²⁾	-40...+85 °C	60000 h
LF1500I-G1 -827-24-06 L1 FS1	36 °C	-30...85 °C ¹⁾	-30...+55 °C ²⁾	-40...+85 °C	60000 h
LF1500I-G1 -830-24-06 L1 FS1	36 °C	-30...85 °C ¹⁾	-30...+55 °C ²⁾	-40...+85 °C	60000 h
LF1500I-G1 -840-24-06 L1 FS1	36 °C	-30...85 °C ¹⁾	-30...+55 °C ²⁾	-40...+85 °C	60000 h

Product family datasheet

Product description	Temperatures & operating conditions				Lifespan
	Performance temp. acc. to IEC 62717	Temperature range in operation at Tc point	Ambient temperature range	Temperature range at storage	Rated lamp life time
LF1500I-G1 -924-24-06 L1 FS1	36 °C	-30...85 °C ¹⁾	-30...+55 °C ²⁾	-40...+85 °C	60000 h
LF1500I-G1 -927-24-06 L1 FS1	36 °C	-30...85 °C ¹⁾	-30...+55 °C ²⁾	-40...+85 °C	60000 h
LF1500I-G1 -930-24-06 L1 FS1	36 °C	-30...85 °C ¹⁾	-30...+55 °C ²⁾	-40...+85 °C	60000 h
LF1500I-G1 -940-24-06 L1 FS1	36 °C	-30...85 °C ¹⁾	-30...+55 °C ²⁾	-40...+85 °C	60000 h
LF3000I-G1 -824-24-03 L1 FS1	45 °C	-30...85 °C ¹⁾	-30...+55 °C ²⁾	-40...+85 °C	60000 h
LF3000I-G1 -827-24-03 L1 FS1	45 °C	-30...85 °C ¹⁾	-30...+55 °C ²⁾	-40...+85 °C	60000 h
LF3000I-G1 -830-24-03 L1 FS1	45 °C	-30...85 °C ¹⁾	-30...+55 °C ²⁾	-40...+85 °C	60000 h
LF3000I-G1 -840-24-03 L1 FS1	45 °C	-30...85 °C ¹⁾	-30...+55 °C ²⁾	-40...+85 °C	60000 h
LF3000I-G1 -924-24-03 L1 FS1	45 °C	-30...85 °C ¹⁾	-30...+55 °C ²⁾	-40...+85 °C	60000 h
LF3000I-G1 -927-24-03 L1 FS1	45 °C	-30...85 °C ¹⁾	-30...+55 °C ²⁾	-40...+85 °C	60000 h
LF3000I-G1 -930-24-03 L1 FS1	45 °C	-30...85 °C ¹⁾	-30...+55 °C ²⁾	-40...+85 °C	60000 h
LF3000I-G1 -940-24-03 L1 FS1	45 °C	-30...85 °C ¹⁾	-30...+55 °C ²⁾	-40...+85 °C	60000 h
LF4000I-G1 -824-24-03 L1 FS1	52 °C	-30...85 °C ¹⁾	-30...+55 °C ²⁾	-40...+85 °C	60000 h
LF4000I-G1 -827-24-03 L1 FS1	52 °C	-30...85 °C ¹⁾	-30...+55 °C ²⁾	-40...+85 °C	60000 h
LF4000I-G1 -830-24-03 L1 FS1	52 °C	-30...85 °C ¹⁾	-30...+55 °C ²⁾	-40...+85 °C	60000 h
LF4000I-G1 -840-24-03 L1 FS1	52 °C	-30...85 °C ¹⁾	-30...+55 °C ²⁾	-40...+85 °C	60000 h
LF4000I-G1 -924-24-03 L1 FS1	52 °C	-30...85 °C ¹⁾	-30...+55 °C ²⁾	-40...+85 °C	60000 h
LF4000I-G1 -927-24-03 L1 FS1	52 °C	-30...85 °C ¹⁾	-30...+55 °C ²⁾	-40...+85 °C	60000 h
LF4000I-G1 -930-24-03 L1 FS1		-30...85 °C ¹⁾	-30...+55 °C ²⁾	-40...+85 °C	60000 h
LF4000I-G1 -940-24-03 L1 FS1		-30...85 °C ¹⁾	-30...+55 °C ²⁾	-40...+85 °C	60000 h

Product description	Nominal lamp life time	Number of switching cycles	Capabilities	
			Lowest bending radius	Self-adhesive
LF500I-G1 -824-24-09 L1 FS1	60000 h	>30000	20 mm	Yes
LF500I-G1 -827-24-09 L1 FS1	60000 h	>30000	20 mm	Yes
LF500I-G1 -830-24-09 L1 FS1	60000 h	>30000	20 mm	Yes
LF500I-G1 -840-24-09 L1 FS1	60000 h	>30000	20 mm	Yes
LF500I-G1 -924-24-09 L1 FS1	60000 h	>30000	20 mm	Yes
LF500I-G1 -927-24-09 L1 FS1	60000 h	>30000	20 mm	Yes
LF500I-G1 -930-24-09 L1 FS1	60000 h	>30000	20 mm	Yes
LF500I-G1 -940-24-09 L1 FS1	60000 h	>30000	20 mm	Yes
LF1500I-G1 -824-24-06 L1 FS1	60000 h	>30000	20 mm	Yes
LF1500I-G1 -827-24-06 L1 FS1	60000 h	>30000	20 mm	Yes
LF1500I-G1 -830-24-06 L1 FS1	60000 h	>30000	20 mm	Yes
LF1500I-G1 -840-24-06 L1 FS1	60000 h	>30000	20 mm	Yes
LF1500I-G1 -924-24-06 L1 FS1	60000 h	>30000	20 mm	Yes
LF1500I-G1 -927-24-06 L1 FS1	60000 h	>30000	20 mm	Yes
LF1500I-G1 -930-24-06 L1 FS1	60000 h	>30000	20 mm	Yes
LF1500I-G1 -940-24-06 L1 FS1	60000 h	>30000	20 mm	Yes
LF3000I-G1 -824-24-03 L1 FS1	60000 h	>30000	20 mm	Yes
LF3000I-G1 -827-24-03 L1 FS1	60000 h	>30000	20 mm	Yes
LF3000I-G1 -830-24-03 L1 FS1	60000 h	>30000	20 mm	Yes

Product family datasheet

Product description	Nominal lamp life time	Number of switching cycles	Capabilities	
			Lowest bending radius	Self-adhesive
LF3000I-G1 -840-24-03 L1 FS1	60000 h	>30000	20 mm	Yes
LF3000I-G1 -924-24-03 L1 FS1	60000 h	>30000	20 mm	Yes
LF3000I-G1 -927-24-03 L1 FS1	60000 h	>30000	20 mm	Yes
LF3000I-G1 -930-24-03 L1 FS1	60000 h	>30000	20 mm	Yes
LF3000I-G1 -940-24-03 L1 FS1	60000 h	>30000	20 mm	Yes
LF4000I-G1 -824-24-03 L1 FS1	60000 h	>30000	20 mm	Yes
LF4000I-G1 -827-24-03 L1 FS1	60000 h	>30000	20 mm	Yes
LF4000I-G1 -830-24-03 L1 FS1	60000 h	>30000	20 mm	Yes
LF4000I-G1 -840-24-03 L1 FS1	60000 h	>30000	20 mm	Yes
LF4000I-G1 -924-24-03 L1 FS1	60000 h	>30000	20 mm	Yes
LF4000I-G1 -927-24-03 L1 FS1	60000 h	>30000	20 mm	Yes
LF4000I-G1 -930-24-03 L1 FS1	60000 h	>30000	20 mm	Yes
LF4000I-G1 -940-24-03 L1 FS1	60000 h	>30000	20 mm	Yes

Product description	With connection set	With end piece	Certificates & standards	
			Standards	Type of protection
LF500I-G1 -824-24-09 L1 FS1	No	No	CE/UKCA/ENEC/VDE/SAS O 2927:2019/UL	IP00
LF500I-G1 -827-24-09 L1 FS1	No	No	CE/UKCA/ENEC/VDE/SAS O 2927:2019/UL	IP00
LF500I-G1 -830-24-09 L1 FS1	No	No	CE/UKCA/ENEC/VDE/SAS O 2927:2019/UL	IP00
LF500I-G1 -840-24-09 L1 FS1	No	No	CE/UKCA/ENEC/VDE/SAS O 2927:2019/UL	IP00
LF500I-G1 -924-24-09 L1 FS1	No	No	CE/UKCA/ENEC/VDE/SAS O 2927:2019/UL	IP00
LF500I-G1 -927-24-09 L1 FS1	No	No	CE/UKCA/ENEC/VDE/SAS O 2927:2019/UL	IP00
LF500I-G1 -930-24-09 L1 FS1	No	No	CE/UKCA/ENEC/VDE/SAS O 2927:2019/UL	IP00
LF500I-G1 -940-24-09 L1 FS1	No	No	CE/UKCA/ENEC/VDE/SAS O 2927:2019/UL	IP00
LF1500I-G1 -824-24-06 L1 FS1	No	No	CE/UKCA/ENEC/VDE/SAS O 2927:2019/UL	IP00
LF1500I-G1 -827-24-06 L1 FS1	No	No	CE/UKCA/ENEC/VDE/SAS O 2927:2019/UL	IP00
LF1500I-G1 -830-24-06 L1 FS1	No	No	CE/UKCA/ENEC/VDE/SAS O 2927:2019/UL	IP00
LF1500I-G1 -840-24-06 L1 FS1	No	No	CE/UKCA/ENEC/VDE/SAS O 2927:2019/UL	IP00
LF1500I-G1 -924-24-06 L1 FS1	No	No	CE/UKCA/ENEC/VDE/SAS O 2927:2019/UL	IP00
LF1500I-G1 -927-24-06 L1 FS1	No	No	CE/UKCA/ENEC/VDE/SAS O 2927:2019/UL	IP00
LF1500I-G1 -930-24-06 L1 FS1	No	No	CE/UKCA/ENEC/VDE/SAS O 2927:2019/UL	IP00

Product family datasheet

Product description	With connection set	With end piece	Certificates & standards	
			Standards	Type of protection
LF1500I-G1 -940-24-06 L1 FS1	No	No	CE/UKCA/ENEC/VDE/SAS O 2927:2019/UL	IP00
LF3000I-G1 -824-24-03 L1 FS1	No	No	CE/UKCA/ENEC/VDE/SAS O 2927:2019/UL	IP00
LF3000I-G1 -827-24-03 L1 FS1	No	No	CE/UKCA/ENEC/VDE/SAS O 2927:2019/UL	IP00
LF3000I-G1 -830-24-03 L1 FS1	No	No	CE/UKCA/ENEC/VDE/SAS O 2927:2019/UL	IP00
LF3000I-G1 -840-24-03 L1 FS1	No	No	CE/UKCA/ENEC/VDE/SAS O 2927:2019/UL	IP00
LF3000I-G1 -924-24-03 L1 FS1	No	No	CE/UKCA/ENEC/VDE/SAS O 2927:2019/UL	IP00
LF3000I-G1 -927-24-03 L1 FS1	No	No	CE/UKCA/ENEC/VDE/SAS O 2927:2019/UL	IP00
LF3000I-G1 -930-24-03 L1 FS1	No	No	CE/UKCA/ENEC/VDE/SAS O 2927:2019/UL	IP00
LF3000I-G1 -940-24-03 L1 FS1	No	No	CE/UKCA/ENEC/VDE/SAS O 2927:2019/UL	IP00
LF4000I-G1 -824-24-03 L1 FS1	No	No	CE/UKCA/ENEC/VDE/SAS O 2927:2019/UL	IP00
LF4000I-G1 -827-24-03 L1 FS1	No	No	CE/UKCA/ENEC/VDE/SAS O 2927:2019/UL	IP00
LF4000I-G1 -830-24-03 L1 FS1	No	No	CE/UKCA/ENEC/VDE/SAS O 2927:2019/UL	IP00
LF4000I-G1 -840-24-03 L1 FS1	No	No	CE/UKCA/ENEC/VDE/SAS O 2927:2019/UL	IP00
LF4000I-G1 -924-24-03 L1 FS1	No	No	CE/UKCA/ENEC/VDE/SAS O 2927:2019/UL	IP00
LF4000I-G1 -927-24-03 L1 FS1	No	No	CE/UKCA/ENEC/VDE/SAS O 2927:2019/UL	IP00
LF4000I-G1 -930-24-03 L1 FS1	No	No	CE/UKCA/ENEC/VDE/SAS O 2927:2019/UL	IP00
LF4000I-G1 -940-24-03 L1 FS1	No	No	CE/UKCA/ENEC/VDE/SAS O 2927:2019/UL	IP00

Product description	Logistical data	Environmental information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)		
	Commodity code	Date of Declaration	Primary Article Identifier	Candidate List Substance 1
LF500I-G1 -824-24-09 L1 FS1	85395100000	01-12-2023	4062172370929	Lead
LF500I-G1 -827-24-09 L1 FS1	85395100000	29-03-2024	4062172370943	Lead
LF500I-G1 -830-24-09 L1 FS1	85395100000	01-12-2023	4062172370967	Lead
LF500I-G1 -840-24-09 L1 FS1	85395100000	29-03-2024	4062172370981	Lead
LF500I-G1 -924-24-09 L1 FS1	85395100000	01-12-2023	4062172371001	Lead
LF500I-G1 -927-24-09 L1 FS1	85395100000	01-12-2023	4062172371025	Lead
LF500I-G1 -930-24-09 L1 FS1	85395100000	01-12-2023	4062172371049	Lead
LF500I-G1 -940-24-09 L1 FS1	85395100000	01-12-2023	4062172371063	Lead

Product family datasheet

Product description	Logistical data	Environmental information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)		
	Commodity code	Date of Declaration	Primary Article Identifier	Candidate List Substance 1
LF1500I-G1 -824-24-06 L1 FS1	85395100000	01-12-2023	4062172371087	Lead
LF1500I-G1 -827-24-06 L1 FS1	85395100000	29-03-2024	4062172371100	Lead
LF1500I-G1 -830-24-06 L1 FS1	85395100000	29-03-2024	4062172371124	Lead
LF1500I-G1 -840-24-06 L1 FS1	85395100000	29-03-2024	4062172371148	Lead
LF1500I-G1 -924-24-06 L1 FS1	85395100000	01-12-2023	4062172371162	Lead
LF1500I-G1 -927-24-06 L1 FS1	85395100000	01-12-2023	4062172371186	Lead
LF1500I-G1 -930-24-06 L1 FS1	85395100000	01-12-2023	4062172371209	Lead
LF1500I-G1 -940-24-06 L1 FS1	85395100000	01-12-2023	4062172371223	Lead
LF3000I-G1 -824-24-03 L1 FS1	85395100000	01-12-2023	4062172371247	Lead
LF3000I-G1 -827-24-03 L1 FS1	85395100000	29-03-2024	4062172371261	Lead
LF3000I-G1 -830-24-03 L1 FS1	85395100000	29-03-2024	4062172371285	Lead
LF3000I-G1 -840-24-03 L1 FS1	85395100000	29-03-2024	4062172371308	Lead
LF3000I-G1 -924-24-03 L1 FS1	85395100000	01-12-2023	4062172371322	Lead
LF3000I-G1 -927-24-03 L1 FS1	85395100000	01-12-2023	4062172371360	Lead
LF3000I-G1 -930-24-03 L1 FS1	85395100000	01-12-2023	4062172371384	Lead
LF3000I-G1 -940-24-03 L1 FS1	85395100000	01-12-2023	4062172371407	Lead
LF4000I-G1 -824-24-03 L1 FS1	85395100000	01-12-2023	4062172370905	Lead
LF4000I-G1 -827-24-03 L1 FS1	85395100000	01-12-2023	4062172371346	Lead
LF4000I-G1 -830-24-03 L1 FS1	85395100000	01-12-2023	4062172371421	Lead
LF4000I-G1 -840-24-03 L1 FS1	85395100000	01-12-2023	4062172371445	Lead
LF4000I-G1 -924-24-03 L1 FS1	85395100000	01-12-2023	4062172371629	Lead
LF4000I-G1 -927-24-03 L1 FS1	85395100000	01-12-2023	4062172371865	Lead
LF4000I-G1 -930-24-03 L1 FS1	85395100000	01-12-2023	4062172371988	Lead
LF4000I-G1 -940-24-03 L1 FS1	85395100000	01-12-2023	4062172372008	Lead

Product description	CAS No. of substance 1	Safe Use Instruction	Declaration No. in SCIP database
LF500I-G1 -824-24-09 L1 FS1	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.	830ee838-512c-438a-a002-c03897e8f38d
LF500I-G1 -827-24-09 L1 FS1	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.	a52d4e06-664c-48f6-8c4d-d7cc76fa80a8
LF500I-G1 -830-24-09 L1 FS1	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.	e31529e2-1bab-48b7-8d39-36a9762e5454

Product family datasheet

Product description	CAS No. of substance 1	Safe Use Instruction	Declaration No. in SCIP database
LF500I-G1 -840-24-09 L1 FS1	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.	0729d8dc-3910-4159-917a-e3695f8fe6da
LF500I-G1 -924-24-09 L1 FS1	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.	54747545-fcba-4011-ae4d-0365393e22da
LF500I-G1 -927-24-09 L1 FS1	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.	c0f3bf54-5071-479e-8e03-a6821b7988e1
LF500I-G1 -930-24-09 L1 FS1	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.	f70c4b19-3d93-45e0-85cd-ff534f54f13b
LF500I-G1 -940-24-09 L1 FS1	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.	285e6872-03ab-40d3-8788-f59fbd41873e
LF1500I-G1 -824-24-06 L1 FS1	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.	5c8afc9a-df4e-4199-8723-b4e1bb903f24
LF1500I-G1 -827-24-06 L1 FS1	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.	d7aba8bc-a735-419d-85ff-5190f2ffd7d8
LF1500I-G1 -830-24-06 L1 FS1	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.	90ddee77-c4ac-460c-9a76-af179e8b83c5
LF1500I-G1 -840-24-06 L1 FS1	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.	7966bf65-3b51-40ff-a3c7-6445948ed1eb

Product family datasheet

Product description	CAS No. of substance 1	Safe Use Instruction	Declaration No. in SCIP database
LF1500I-G1 -924-24-06 L1 FS1	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.	4b2d4c8c-2ad9-4c8e-8347-8e1fe82c0c82
LF1500I-G1 -927-24-06 L1 FS1	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.	92c6ecd4-ce84-4c77-9aed-6e9c9833d93d
LF1500I-G1 -930-24-06 L1 FS1	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.	8c3563a2-9f6e-47d3-bd5f-bc970a9636e3
LF1500I-G1 -940-24-06 L1 FS1	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.	ca446c20-5c72-4183-aad9-33812c2af380
LF3000I-G1 -824-24-03 L1 FS1	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.	b3dfab32-017d-423a-a4ad-f16f23b6d43a
LF3000I-G1 -827-24-03 L1 FS1	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.	1cd3ee3c-f8ed-442b-99b2-9ad7e3da38c4
LF3000I-G1 -830-24-03 L1 FS1	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.	49901917-48c9-47f8-b6ab-f6e9a83149b2
LF3000I-G1 -840-24-03 L1 FS1	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.	75658135-a752-4a90-ad5e-067c1c953578
LF3000I-G1 -924-24-03 L1 FS1	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.	e04b2898-5368-4898-bb0c-3f8f5ae84064

Product family datasheet

Product description	CAS No. of substance 1	Safe Use Instruction	Declaration No. in SCIP database
LF3000I-G1 -927-24-03 L1 FS1	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.	58e6725d-12c0-48f5-9d98-203807477d86
LF3000I-G1 -930-24-03 L1 FS1	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.	da7cc5a6-69c6-4d48-aae8-1fd438d46659
LF3000I-G1 -940-24-03 L1 FS1	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.	f4054818-c25f-45e8-a27b-30aaf8bf76be
LF4000I-G1 -824-24-03 L1 FS1	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.	f809a18e-410a-4195-a8f9-458677a2924a
LF4000I-G1 -827-24-03 L1 FS1	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.	2adc3144-5f31-4cb1-9d32-6b4372a675d0
LF4000I-G1 -830-24-03 L1 FS1	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.	03f3d353-9293-48a4-b589-15a35ffd4e98
LF4000I-G1 -840-24-03 L1 FS1	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.	43838c9d-e89a-46a4-a127-b3d5597a4c56
LF4000I-G1 -924-24-03 L1 FS1	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.	0eeecf91-a2d2-4900-8e2e-652d8a2ce6b2
LF4000I-G1 -927-24-03 L1 FS1	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.	7c47b519-208a-45ae-9ca5-b918dc7c9cb1

Product family datasheet

Product description	CAS No. of substance 1	Safe Use Instruction	Declaration No. in SCIP database
LF4000I-G1 -930-24-03 L1 FS1	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.	f027c90d-0832-43f0-8f01-2a734694af46
LF4000I-G1 -940-24-03 L1 FS1	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.	96ffbf5e-7178-41ba-8f1e-0014b840099a

1) Exceeding the maximum ratings will reduce expected life time or destroy the LED strip.

2) Rated ambient temp. 25°C/Providing that temperature at Tc point is below max value during operation/Temperature ramping for environmental testing acc. to IEC 62717, 1K/min

Product family datasheet

Equipment / Accessories

- Simplified connection with optional matching CONNECTsystem
 - Quick installation with optional SLIM TRACK System
 - Perfectly matched to non-isolated OPTOTRONIC 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

Download Data

File	
	User instruction LINEARlight FLEX Infinite
	Product Datasheet LINEARlight FLEX Infinite 24V IP00
	Brochures Light is freedom of design (EN)
	Certificates LINEARlight Flex UL 4511753 061123
	User instruction LINEARlight FLEX Protect Infinite

Product family datasheet

Ecodesign regulation information:

- This product is considered to be a "containing product" in the sense of Regulations (EU) 2019/2020 and (EU) 2019/2015.
- Tolerances of the reported values, are according to LED Modules Performance standard IEC/EN 62717.
- In general, the replacement of the contained light sources without permanent damage to the product with the use of common available tools is possible in the final application when they can be dismantled from the installation environment and substituted for the necessary number of light sources restoring its full electrical/mechanical/thermal/optical functionality by means of a professional installer. In the contrary, and limited to the LINEARlight Flex Diffuse, LINEARlight Rigid Finesse, GINO LED Flex Diffuse and LUMINENT Milky product families, the contained light source is an integrated part of the containing product and its removal can only be done by causing a permanent damage to the containing product due to its tight mechanical, electrical, optical, thermal interaction and/or environmental protection with or from the containing product. Therefore, a replacement of the light source with the use of common available tools is not justified.
- Dismantling of light sources from containing products at end of life: Containing products with light sources which are scalable in length can be cut to the length of the contained light source and if applicable mechanically detached from protective and/or optical covers. Containing products shall be separated from building material and/or from other additional mounting accessories by means of a professional installer. Separate control gear and light sources must be disposed of at certified disposal companies in accordance with Directive 2012/19/EU (WEEE) in the EU and with Waste Electrical and Electronic Equipment (WEEE) Regulations 2013 in the UK. For this purpose, collection points for recycling centres and take-back systems (CRSO) are available from retailers or private disposal companies, which accept separate control gear and light sources free of charge. In this way, raw materials are conserved and materials are recycled.

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4062172370929	LF500I-G1 -824-24-09 L1 FS1	Shipping carton box 8	241 mm x 195 mm x 205 mm	9.63 dm ³	1773.00 g
4062172370943	LF500I-G1 -827-24-09 L1 FS1	Shipping carton box 8	241 mm x 195 mm x 205 mm	9.63 dm ³	1773.00 g
4062172370967	LF500I-G1 -830-24-09 L1 FS1	Shipping carton box 8	241 mm x 195 mm x 205 mm	9.63 dm ³	1773.00 g
4062172370981	LF500I-G1 -840-24-09 L1 FS1	Shipping carton box 8	241 mm x 195 mm x 205 mm	9.63 dm ³	1773.00 g
4062172371001	LF500I-G1 -924-24-09 L1 FS1	Shipping carton box 8	241 mm x 195 mm x 205 mm	9.63 dm ³	1773.00 g
4062172371025	LF500I-G1 -927-24-09 L1 FS1	Shipping carton box 8	241 mm x 195 mm x 205 mm	9.63 dm ³	1773.00 g
4062172371049	LF500I-G1 -930-24-09 L1 FS1	Shipping carton box 8	241 mm x 195 mm x 205 mm	9.63 dm ³	1773.00 g
4062172371063	LF500I-G1 -940-24-09 L1 FS1	Shipping carton box 8	241 mm x 195 mm x 205 mm	9.63 dm ³	1773.00 g
4062172371087	LF1500I-G1 -824-24-06 L1 FS1	Shipping carton box 8	241 mm x 195 mm x 205 mm	9.63 dm ³	1517.00 g
4062172371100	LF1500I-G1 -827-24-06 L1 FS1	Shipping carton box 8	241 mm x 195 mm x 205 mm	9.63 dm ³	1517.00 g
4062172371124	LF1500I-G1 -830-24-06 L1 FS1	Shipping carton box 8	241 mm x 195 mm x 205 mm	9.63 dm ³	1517.00 g

Product family datasheet

Logistical Data

4062172371148	LF1500I-G1 -840-24-06 L1 FS1	Shipping carton box 8	241 mm x 195 mm x 205 mm	9.63 dm ³	1517.00 g
4062172371162	LF1500I-G1 -924-24-06 L1 FS1	Shipping carton box 8	241 mm x 195 mm x 205 mm	9.63 dm ³	1517.00 g
4062172371186	LF1500I-G1 -927-24-06 L1 FS1	Shipping carton box 8	241 mm x 195 mm x 205 mm	9.63 dm ³	1517.00 g
4062172371209	LF1500I-G1 -930-24-06 L1 FS1	Shipping carton box 8	241 mm x 195 mm x 205 mm	9.63 dm ³	1517.00 g
4062172371223	LF1500I-G1 -940-24-06 L1 FS1	Shipping carton box 8	241 mm x 195 mm x 205 mm	9.63 dm ³	1517.00 g
4062172371247	LF3000I-G1 -824-24-03 L1 FS1	Shipping carton box 8	241 mm x 195 mm x 205 mm	9.63 dm ³	1253.00 g
4062172371261	LF3000I-G1 -827-24-03 L1 FS1	Shipping carton box 8	241 mm x 195 mm x 205 mm	9.63 dm ³	1253.00 g
4062172371285	LF3000I-G1 -830-24-03 L1 FS1	Shipping carton box 8	241 mm x 195 mm x 205 mm	9.63 dm ³	1253.00 g
4062172371308	LF3000I-G1 -840-24-03 L1 FS1	Shipping carton box 8	241 mm x 195 mm x 205 mm	9.63 dm ³	1253.00 g
4062172371322	LF3000I-G1 -924-24-03 L1 FS1	Shipping carton box 8	241 mm x 195 mm x 205 mm	9.63 dm ³	1253.00 g
4062172371360	LF3000I-G1 -927-24-03 L1 FS1	Shipping carton box 8	241 mm x 195 mm x 205 mm	9.63 dm ³	1253.00 g
4062172371384	LF3000I-G1 -930-24-03 L1 FS1	Shipping carton box 8	241 mm x 195 mm x 205 mm	9.63 dm ³	1253.00 g
4062172371407	LF3000I-G1 -940-24-03 L1 FS1	Shipping carton box 8	241 mm x 195 mm x 205 mm	9.63 dm ³	1253.00 g
4062172370905	LF4000I-G1 -824-24-03 L1 FS1	Shipping carton box 8	241 mm x 195 mm x 205 mm	9.63 dm ³	1253.00 g
4062172371346	LF4000I-G1 -827-24-03 L1 FS1	Shipping carton box 8	241 mm x 195 mm x 205 mm	9.63 dm ³	1253.00 g
4062172371421	LF4000I-G1 -830-24-03 L1 FS1	Shipping carton box 8	241 mm x 195 mm x 205 mm	9.63 dm ³	1253.00 g
4062172371445	LF4000I-G1 -840-24-03 L1 FS1	Shipping carton box 8	241 mm x 195 mm x 205 mm	9.63 dm ³	1253.00 g
4062172371629	LF4000I-G1 -924-24-03 L1 FS1	Shipping carton box 8	241 mm x 195 mm x 205 mm	9.63 dm ³	1253.00 g
4062172371865	LF4000I-G1 -927-24-03 L1 FS1	Shipping carton box 8	241 mm x 195 mm x 205 mm	9.63 dm ³	1253.00 g
4062172371988	LF4000I-G1 -930-24-03 L1 FS1	Shipping carton box 8	241 mm x 195 mm x 205 mm	9.63 dm ³	1253.00 g
4062172372008	LF4000I-G1 -940-24-03 L1 FS1	Shipping carton box 8	241 mm x 195 mm x 205 mm	9.63 dm ³	1253.00 g

Product family 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.

Disclaimer

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