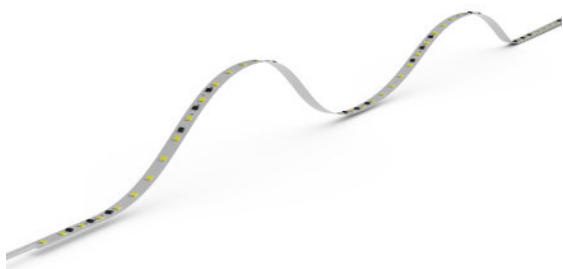


LINEARlight FLEX Infinite 48V IP00

– LED modules for professional and industrial applications



Product family features

- 48V system with longer reels
- 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 efficiency
- 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



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 -G1-824-48-18 L1	48.0 V	DC	4.0 W	72.00 W	45.6...50.4 V	50.4 V	80
LF500I -G1-827-48-18 L1	48.0 V	DC	4.0 W	72.00 W	45.6...50.4 V	50.4 V	80
LF500I -G1-830-48-18 L1	48.0 V	DC	4.0 W	72.00 W	45.6...50.4 V	50.4 V	80
LF500I -G1-840-48-18 L1	48.0 V	DC	4.0 W	72.00 W	45.6...50.4 V	50.4 V	80
LF500I -G1-924-48-18 L1	48.0 V	DC	4.0 W	72.00 W	45.6...50.4 V	50.4 V	90
LF500I -G1-927-48-18 L1	48.0 V	DC	4.0 W	72.00 W	45.6...50.4 V	50.4 V	90
LF500I -G1-930-48-18 L1	48.0 V	DC	4.0 W	72.00 W	45.6...50.4 V	50.4 V	90
LF500I -G1-940-48-18 L1	48.0 V	DC	4.0 W	72.00 W	45.6...50.4 V	50.4 V	90
LF1500I -G1-824-48-12 L1	48.0 V	DC	4.0 W	115.20 W	45.6...50.4 V	50.4 V	80
LF1500I -G1-827-48-12 L1	48.0 V	DC	4.0 W	115.20 W	45.6...50.4 V	50.4 V	80
LF1500I -G1-830-48-12 L1	48.0 V	DC	4.0 W	115.20 W	45.6...50.4 V	50.4 V	80
LF1500I -G1-840-48-12 L1	48.0 V	DC	4.0 W	115.20 W	45.6...50.4 V	50.4 V	80
LF1500I -G1-924-48-12 L1	48.0 V	DC	4.0 W	115.20 W	45.6...50.4 V	50.4 V	90
LF1500I -G1-927-48-12 L1	48.0 V	DC	4.0 W	115.20 W	45.6...50.4 V	50.4 V	90
LF1500I -G1-930-48-12 L1	48.0 V	DC	4.0 W	115.20 W	45.6...50.4 V	50.4 V	90
LF1500I -G1-940-48-12 L1	48.0 V	DC	4.0 W	115.20 W	45.6...50.4 V	50.4 V	90
LF3000I -G1-824-48-06 L1	48.0 V	DC	4.0 W	115.20 W	45.6...50.4 V	50.4 V	80
LF3000I -G1-827-48-06 L1	48.0 V	DC	4.0 W	115.20 W	45.6...50.4 V	50.4 V	80
LF3000I -G1-830-48-06 L1	48.0 V	DC	4.0 W	115.20 W	45.6...50.4 V	50.4 V	80
LF3000I -G1-840-48-06 L1	48.0 V	DC	4.0 W	115.20 W	45.6...50.4 V	50.4 V	80
LF3000I -G1-924-48-06 L1	48.0 V	DC	4.0 W	115.20 W	45.6...50.4 V	50.4 V	90
LF3000I -G1-927-48-06 L1	48.0 V	DC	4.0 W	115.20 W	45.6...50.4 V	50.4 V	90
LF3000I -G1-930-48-06 L1	48.0 V	DC	4.0 W	115.20 W	45.6...50.4 V	50.4 V	90
LF3000I -G1-840-48-06 L1	48.0 V	DC	4.0 W	115.20 W	45.6...50.4 V	50.4 V	90
LF4000I -G1-824-48-06 L1	48.0 V	DC	4.0 W	154.80 W	45.6...50.4 V	50.4 V	80
LF4000I -G1-827-48-06 L1	48.0 V	DC	4.0 W	154.80 W	45.6...50.4 V	50.4 V	80
LF4000I -G1-830-48-06 L1	48.0 V	DC	4.0 W	154.80 W	45.6...50.4 V	50.4 V	80
LF4000I -G1-840-48-06 L1	48.0 V	DC	4.0 W	154.80 W	45.6...50.4 V	50.4 V	80
LF4000I -G1-924-48-06 L1	48.0 V	DC	4.0 W	154.80 W	45.6...50.4 V	50.4 V	90
LF4000I -G1-927-48-06 L1	48.0 V	DC	4.0 W	154.80 W	45.6...50.4 V	50.4 V	90
LF4000I -G1-930-48-06 L1	48.0 V	DC	4.0 W	154.80 W	45.6...50.4 V	50.4 V	90
LF4000I -G1-940-48-06 L1	48.0 V	DC	4.0 W	154.80 W	45.6...50.4 V	50.4 V	90

Product family datasheet

Product description	Luminous flux per meter	Total useful luminous flux	Luminous efficacy	Color temperature	Light technical data		
					LED pitch	Beam angle	Starting time
LF500I -G1-824-48-18 L1	560 lm	10080 lm	140 lm/W	2400 K	12.5 mm	120 °	0.0 s
LF500I -G1-827-48-18 L1	585 lm	10530 lm	146.3 lm/W	2700 K	12.5 mm	120 °	0.0 s
LF500I -G1-830-48-18 L1	630 lm	11340 lm	157.5 lm/W	3000 K	12.5 mm	120 °	0.0 s
LF500I -G1-840-48-18 L1	650 lm	11700 lm	162.5 lm/W	4000 K	12.5 mm	120 °	0.0 s
LF500I -G1-924-48-18 L1	465 lm	8370 lm	116.3 lm/W	2400 K	12.5 mm	120 °	0.0 s
LF500I -G1-927-48-18 L1	480 lm	8640 lm	120 lm/W	2700 K	12.5 mm	120 °	0.0 s
LF500I -G1-930-48-18 L1	515 lm	9270 lm	128.8 lm/W	3000 K	12.5 mm	120 °	0.0 s
LF500I -G1-940-48-18 L1	540 lm	9720 lm	135 lm/W	4000 K	12.5 mm	120 °	0.0 s
LF1500I -G1-824-48-12 L1	1360 lm	16320 lm	141.7 lm/W	2400 K	12.5 mm	120 °	0.0 s
LF1500I -G1-827-48-12 L1	1410 lm	16320 lm	146.9 lm/W	2700 K	12.5 mm	120 °	0.0 s
LF1500I -G1-830-48-12 L1	1520 lm	18240 lm	158.3 lm/W	3000 K	12.5 mm	120 °	0.0 s
LF1500I -G1-840-48-12 L1	1580 lm	18960 lm	164.6 lm/W	4000 K	12.5 mm	120 °	0.0 s
LF1500I -G1-924-48-12 L1	1130 lm	13560 lm	117.7 lm/W	2400 K	12.5 mm	120 °	0.0 s
LF1500I -G1-927-48-12 L1	1170 lm	14040 lm	121.9 lm/W	2700 K	12.5 mm	120 °	0.0 s
LF1500I -G1-930-48-12 L1	1250 lm	15000 lm	130.2 lm/W	3000 K	12.5 mm	120 °	0.0 s
LF1500I -G1-940-48-12 L1	1310 lm	15720 lm	136.5 lm/W	4000 K	12.5 mm	120 °	0.0 s
LF3000I -G1-824-48-06 L1	2680 lm	16080 lm	139.6 lm/W	2400 K	12.5 mm	120 °	0.0 s
LF3000I -G1-827-48-06 L1	2780 lm	16680 lm	144.8 lm/W	2700 K	12.5 mm	120 °	0.0 s
LF3000I -G1-830-48-06 L1	3000 lm	18000 lm	156.3 lm/W	3000 K	12.5 mm	120 °	0.0 s
LF3000I -G1-840-48-06 L1	3100 lm	18600 lm	161.5 lm/W	4000 K	12.5 mm	120 °	0.0 s
LF3000I -G1-924-48-06 L1	2230 lm	13380 lm	116.1 lm/W	2400 K	12.5 mm	120 °	0.0 s
LF3000I -G1-927-48-06 L1	2310 lm	13860 lm	120.3 lm/W	2700 K	12.5 mm	120 °	0.0 s
LF3000I -G1-930-48-06 L1	2470 lm	14820 lm	128.6 lm/W	3000 K	12.5 mm	120 °	0.0 s
LF3000I -G1-840-48-06 L1	2590 lm	15540 lm	134.9 lm/W	4000 K	12.5 mm	120 °	0.0 s
LF4000I -G1-824-48-06 L1	3560 lm	21360 lm	138 lm/W	2400 K	12.5 mm	120 °	0.0 s
LF4000I -G1-827-48-06 L1	3710 lm	22260 lm	143.8 lm/W	2700 K	12.5 mm	120 °	0.0 s
LF4000I -G1-830-48-06 L1	4000 lm	24000 lm	155 lm/W	3000 K	12.5 mm	120 °	0.0 s
LF4000I -G1-840-48-06 L1	4100 lm	24600 lm	158.9 lm/W	4000 K	12.5 mm	120 °	0.0 s
LF4000I -G1-924-48-06 L1	2950 lm	17700 lm	114.3 lm/W	2400 K	12.5 mm	120 °	0.0 s
LF4000I -G1-927-48-06 L1	3020 lm	18120 lm	117.1 lm/W	2700 K	12.5 mm	120 °	0.0 s
LF4000I -G1-930-48-06 L1	325 lm	19380 lm	125.2 lm/W	3000 K	12.5 mm	120 °	0.0 s
LF4000I -G1-940-48-06 L1	3450 lm	20700 lm	133.7 lm/W	4000 K	12.5 mm	120 °	0.0 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 -G1-824-48-18 L1	0.00 s	80	8	18000 mm	100.0 mm	209.00 g
LF500I -G1-827-48-18 L1	0.00 s	80	8	18000 mm	100.0 mm	209.00 g
LF500I -G1-830-48-18 L1	0.00 s	80	8	18000 mm	100.0 mm	209.00 g
LF500I -G1-840-48-18 L1	0.00 s	80	8	18000 mm	100.0 mm	209.00 g
LF500I -G1-924-48-18 L1	0.00 s	80	8	18000 mm	100.0 mm	209.00 g
LF500I -G1-927-48-18 L1	0.00 s	80	8	18000 mm	100.0 mm	209.00 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 -G1-930-48-18 L1	0.00 s	80	8	18000 mm	100.0 mm	209.00 g
LF500I -G1-940-48-18 L1	0.00 s	80	8	18000 mm	100.0 mm	209.00 g
LF1500I -G1-824-48-12 L1	0.00 s	80	8	12000 mm	100.0 mm	142.00 g
LF1500I -G1-827-48-12 L1	0.00 s	80	8	12000 mm	100.0 mm	142.00 g
LF1500I -G1-830-48-12 L1	0.00 s	80	8	12000 mm	100.0 mm	142.00 g
LF1500I -G1-840-48-12 L1	0.00 s	80	8	12000 mm	100.0 mm	142.00 g
LF1500I -G1-924-48-12 L1	0.00 s	80	8	12000 mm	100.0 mm	142.00 g
LF1500I -G1-927-48-12 L1	0.00 s	80	8	12000 mm	100.0 mm	142.00 g
LF1500I -G1-930-48-12 L1	0.00 s	80	8	12000 mm	100.0 mm	142.00 g
LF1500I -G1-940-48-12 L1	0.00 s	80	8	12000 mm	100.0 mm	142.00 g
LF3000I -G1-824-48-06 L1	0.00 s	80	8	6000 mm	100.0 mm	75.00 g
LF3000I -G1-827-48-06 L1	0.00 s	80	8	6000 mm	100.0 mm	75.00 g
LF3000I -G1-830-48-06 L1	0.00 s	80	8	6000 mm	100.0 mm	75.00 g
LF3000I -G1-840-48-06 L1	0.00 s	80	8	6000 mm	100.0 mm	75.00 g
LF3000I -G1-924-48-06 L1	0.00 s	80	8	6000 mm	100.0 mm	75.00 g
LF3000I -G1-927-48-06 L1	0.00 s	80	8	6000 mm	100.0 mm	75.00 g
LF3000I -G1-930-48-06 L1	0.00 s	80	8	6000 mm	100.0 mm	75.00 g
LF3000I -G1-840-48-06 L1	0.00 s	80	8	6000 mm	100.0 mm	75.00 g
LF4000I -G1-824-48-06 L1	0.00 s	80	8	6000 mm	100.0 mm	75.00 g
LF4000I -G1-827-48-06 L1	0.00 s	80	8	6000 mm	100.0 mm	75.00 g
LF4000I -G1-830-48-06 L1	0.00 s	80	8	6000 mm	100.0 mm	75.00 g
LF4000I -G1-840-48-06 L1	0.00 s	80	8	6000 mm	100.0 mm	75.00 g
LF4000I -G1-924-48-06 L1	0.00 s	80	8	6000 mm	100.0 mm	75.00 g
LF4000I -G1-927-48-06 L1	0.00 s	80	8	6000 mm	100.0 mm	75.00 g
LF4000I -G1-930-48-06 L1	0.00 s	80	8	6000 mm	100.0 mm	75.00 g
LF4000I -G1-940-48-06 L1	0.00 s	80	8	6000 mm	100.0 mm	75.00 g

Product description	Temperatures & operating conditions			Lifespan	
	Temperature range in operation at Tc point	Ambient temperature range	Temperature range at storage	Rated lamp life time	Nominal lamp life time
LF500I -G1-824-48-18 L1	-30...85 °C ¹⁾	-30...+55 °C ²⁾	-40...+85 °C	60000 h	60000 h
LF500I -G1-827-48-18 L1	-30...85 °C ¹⁾	-30...+55 °C ²⁾	-40...+85 °C	60000 h	60000 h
LF500I -G1-830-48-18 L1	-30...85 °C ¹⁾	-30...+55 °C ²⁾	-40...+85 °C	60000 h	60000 h
LF500I -G1-840-48-18 L1	-30...85 °C ¹⁾	-30...+55 °C ²⁾	-40...+85 °C	60000 h	60000 h
LF500I -G1-924-48-18 L1	-30...85 °C ¹⁾	-30...+55 °C ²⁾	-40...+85 °C	60000 h	60000 h
LF500I -G1-927-48-18 L1	-30...85 °C ¹⁾	-30...+55 °C ²⁾	-40...+85 °C	60000 h	60000 h
LF500I -G1-930-48-18 L1	-30...85 °C ¹⁾	-30...+55 °C ²⁾	-40...+85 °C	60000 h	60000 h
LF500I -G1-940-48-18 L1	-30...85 °C ¹⁾	-30...+55 °C ²⁾	-40...+85 °C	60000 h	60000 h
LF1500I -G1-824-48-12 L1	-30...85 °C ¹⁾	-30...+55 °C ²⁾	-40...+85 °C	60000 h	60000 h
LF1500I -G1-827-48-12 L1	-30...85 °C ¹⁾	-30...+55 °C ²⁾	-40...+85 °C	60000 h	60000 h
LF1500I -G1-830-48-12 L1	-30...85 °C ¹⁾	-30...+55 °C ²⁾	-40...+85 °C	60000 h	60000 h
LF1500I -G1-840-48-12 L1	-30...85 °C ¹⁾	-30...+55 °C ²⁾	-40...+85 °C	60000 h	60000 h

Product family datasheet

Product description	Temperatures & operating conditions			Lifespan	
	Temperature range in operation at Tc point	Ambient temperature range	Temperature range at storage	Rated lamp life time	Nominal lamp life time
LF1500I -G1-924-48-12 L1	-30...85 °C ¹⁾	-30...+55 °C ²⁾	-40...+85 °C	60000 h	60000 h
LF1500I -G1-927-48-12 L1	-30...85 °C ¹⁾	-30...+55 °C ²⁾	-40...+85 °C	60000 h	60000 h
LF1500I -G1-930-48-12 L1	-30...85 °C ¹⁾	-30...+55 °C ²⁾	-40...+85 °C	60000 h	60000 h
LF1500I -G1-940-48-12 L1	-30...85 °C ¹⁾	-30...+55 °C ²⁾	-40...+85 °C	60000 h	60000 h
LF3000I -G1-824-48-06 L1	-30...85 °C ¹⁾	-30...+55 °C ²⁾	-40...+85 °C	60000 h	60000 h
LF3000I -G1-827-48-06 L1	-30...85 °C ¹⁾	-30...+55 °C ²⁾	-40...+85 °C	60000 h	60000 h
LF3000I -G1-830-48-06 L1	-30...85 °C ¹⁾	-30...+55 °C ²⁾	-40...+85 °C	60000 h	60000 h
LF3000I -G1-840-48-06 L1	-30...85 °C ¹⁾	-30...+55 °C ²⁾	-40...+85 °C	60000 h	60000 h
LF3000I -G1-924-48-06 L1	-30...85 °C ¹⁾	-30...+55 °C ²⁾	-40...+85 °C	60000 h	60000 h
LF3000I -G1-927-48-06 L1	-30...85 °C ¹⁾	-30...+55 °C ²⁾	-40...+85 °C	60000 h	60000 h
LF3000I -G1-930-48-06 L1	-30...85 °C ¹⁾	-30...+55 °C ²⁾	-40...+85 °C	60000 h	60000 h
LF3000I -G1-840-48-06 L1	-30...85 °C ¹⁾	-30...+55 °C ²⁾	-40...+85 °C	60000 h	60000 h
LF4000I -G1-824-48-06 L1	-30...85 °C ¹⁾	-30...+55 °C ²⁾	-40...+85 °C	60000 h	60000 h
LF4000I -G1-827-48-06 L1	-30...85 °C ¹⁾	-30...+55 °C ²⁾	-40...+85 °C	60000 h	60000 h
LF4000I -G1-830-48-06 L1	-30...85 °C ¹⁾	-30...+55 °C ²⁾	-40...+85 °C	60000 h	60000 h
LF4000I -G1-840-48-06 L1	-30...85 °C ¹⁾	-30...+55 °C ²⁾	-40...+85 °C	60000 h	60000 h
LF4000I -G1-924-48-06 L1	-30...85 °C ¹⁾	-30...+55 °C ²⁾	-40...+85 °C	60000 h	60000 h
LF4000I -G1-927-48-06 L1	-30...85 °C ¹⁾	-30...+55 °C ²⁾	-40...+85 °C	60000 h	60000 h
LF4000I -G1-930-48-06 L1	-30...85 °C ¹⁾	-30...+55 °C ²⁾	-40...+85 °C	60000 h	60000 h
LF4000I -G1-940-48-06 L1	-30...85 °C ¹⁾	-30...+55 °C ²⁾	-40...+85 °C	60000 h	60000 h

Product description	Number of switching cycles	Capabilities		
		Lowest bending radius	Self-adhesive	With connection set
LF500I -G1-824-48-18 L1	>30000	30 mm	Yes	No
LF500I -G1-827-48-18 L1	>30000	30 mm	Yes	No
LF500I -G1-830-48-18 L1	>30000	30 mm	Yes	No
LF500I -G1-840-48-18 L1	>30000	30 mm	Yes	No
LF500I -G1-924-48-18 L1	>30000	30 mm	Yes	No
LF500I -G1-927-48-18 L1	>30000	30 mm	Yes	No
LF500I -G1-930-48-18 L1	>30000	30 mm	Yes	No
LF500I -G1-940-48-18 L1	>30000	30 mm	Yes	No
LF1500I -G1-824-48-12 L1	>30000	30 mm	Yes	No
LF1500I -G1-827-48-12 L1	>30000	30 mm	Yes	No
LF1500I -G1-830-48-12 L1	>30000	30 mm	Yes	No
LF1500I -G1-840-48-12 L1	>30000	30 mm	Yes	No
LF1500I -G1-924-48-12 L1	>30000	30 mm	Yes	No
LF1500I -G1-927-48-12 L1	>30000	30 mm	Yes	No
LF1500I -G1-930-48-12 L1	>30000	30 mm	Yes	No
LF1500I -G1-940-48-12 L1	>30000	30 mm	Yes	No
LF3000I -G1-824-48-06 L1	>30000	30 mm	Yes	No
LF3000I -G1-827-48-06 L1	>30000	30 mm	Yes	No
LF3000I -G1-830-48-06 L1	>30000	30 mm	Yes	No

Product family datasheet

Product description	Number of switching cycles	Capabilities		
		Lowest bending radius	Self-adhesive	With connection set
LF3000I -G1-840-48-06 L1	>30000	30 mm	Yes	No
LF3000I -G1-924-48-06 L1	>30000	30 mm	Yes	No
LF3000I -G1-927-48-06 L1	>30000	30 mm	Yes	No
LF3000I -G1-930-48-06 L1	>30000	30 mm	Yes	No
LF3000I -G1-840-48-06 L1	>30000	30 mm	Yes	No
LF4000I -G1-824-48-06 L1	>30000	30 mm	Yes	No
LF4000I -G1-827-48-06 L1	>30000	30 mm	Yes	No
LF4000I -G1-830-48-06 L1	>30000	30 mm	Yes	No
LF4000I -G1-840-48-06 L1	>30000	30 mm	Yes	No
LF4000I -G1-924-48-06 L1	>30000	30 mm	Yes	No
LF4000I -G1-927-48-06 L1	>30000	30 mm	Yes	No
LF4000I -G1-930-48-06 L1	>30000	30 mm	Yes	No
LF4000I -G1-940-48-06 L1	>30000	30 mm	Yes	No

Product description	With end piece	Certificates & standards		Logistical data
		Standards	Type of protection	Commodity code
LF500I -G1-824-48-18 L1	No	CE/ENEC/VDE/SASO/UL	IP00	85395100000
LF500I -G1-827-48-18 L1	No	CE/ENEC/VDE/SASO/UL	IP00	85395100000
LF500I -G1-830-48-18 L1	No	CE/ENEC/VDE/SASO/UL	IP00	85395100000
LF500I -G1-840-48-18 L1	No	CE/ENEC/VDE/SASO/UL	IP00	85395100000
LF500I -G1-924-48-18 L1	No	CE/ENEC/VDE/SASO/UL	IP00	85395100000
LF500I -G1-927-48-18 L1	No	CE/ENEC/VDE/SASO/UL	IP00	85395100000
LF500I -G1-930-48-18 L1	No	CE/ENEC/VDE/SASO/UL	IP00	85395100000
LF500I -G1-940-48-18 L1	No	CE/ENEC/VDE/SASO/UL	IP00	85395100000
LF1500I -G1-824-48-12 L1	No	CE/ENEC/VDE/SASO/UL	IP00	85395100000
LF1500I -G1-827-48-12 L1	No	CE/ENEC/VDE/SASO/UL	IP00	85395100000
LF1500I -G1-830-48-12 L1	No	CE/ENEC/VDE/SASO/UL	IP00	85395100000
LF1500I -G1-840-48-12 L1	No	CE/ENEC/VDE/SASO/UL	IP00	85395100000
LF1500I -G1-924-48-12 L1	No	CE/ENEC/VDE/SASO/UL	IP00	85395100000
LF1500I -G1-927-48-12 L1	No	CE/ENEC/VDE/SASO/UL	IP00	85395100000
LF1500I -G1-930-48-12 L1	No	CE/ENEC/VDE/SASO/UL	IP00	85395100000
LF1500I -G1-940-48-12 L1	No	CE/ENEC/VDE/SASO/UL	IP00	85395100000
LF3000I -G1-824-48-06 L1	No	CE/ENEC/VDE/SASO/UL	IP00	85395100000
LF3000I -G1-827-48-06 L1	No	CE/ENEC/VDE/SASO/UL	IP00	85395100000
LF3000I -G1-830-48-06 L1	No	CE/ENEC/VDE/SASO/UL	IP00	85395100000
LF3000I -G1-840-48-06 L1	No	CE/ENEC/VDE/SASO/UL	IP00	85395100000
LF3000I -G1-924-48-06 L1	No	CE/ENEC/VDE/SASO/UL	IP00	85395100000
LF3000I -G1-927-48-06 L1	No	CE/ENEC/VDE/SASO/UL	IP00	85395100000
LF3000I -G1-930-48-06 L1	No	CE/ENEC/VDE/SASO/UL	IP00	85395100000
LF3000I -G1-840-48-06 L1	No	CE/ENEC/VDE/SASO/UL	IP00	85395100000
LF4000I -G1-824-48-06 L1	No	CE/ENEC/VDE/SASO/UL	IP00	85395100000
LF4000I -G1-827-48-06 L1	No	CE/ENEC/VDE/SASO/UL	IP00	85395100000
LF4000I -G1-830-48-06 L1	No	CE/ENEC/VDE/SASO/UL	IP00	85395100000

Product family datasheet

Product description	With end piece	Certificates & standards		Logistical data
		Standards	Type of protection	Commodity code
LF4000I -G1-840-48-06 L1	No	CE/ENEC/VDE/SASO/UL	IP00	85395100000
LF4000I -G1-924-48-06 L1	No	CE/ENEC/VDE/SASO/UL	IP00	85395100000
LF4000I -G1-927-48-06 L1	No	CE/ENEC/VDE/SASO/UL	IP00	85395100000
LF4000I -G1-930-48-06 L1	No	CE/ENEC/VDE/SASO/UL	IP00	85395100000
LF4000I -G1-940-48-06 L1	No	CE/ENEC/VDE/SASO/UL	IP00	85395100000

Product description	Environmental information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)			
	Date of Declaration	Primary Article Identifier	Declaration No. in SCIP database	Candidate List Substance 1
LF500I -G1-824-48-18 L1	08-11-2023	4062172380751	In work	
LF500I -G1-827-48-18 L1	29-03-2024	4062172380775	33a9f35f-48b5-4cea-a047-30fbb7654562	Lead
LF500I -G1-830-48-18 L1	29-03-2024	4062172380799	f7a9f8d1-34cf-4e15-b1c8-417044cd008b	Lead
LF500I -G1-840-48-18 L1	29-03-2024	4062172380812	0413a854-1b5f-4782-87b6-11c41ec65924	Lead
LF500I -G1-924-48-18 L1	08-11-2023	4062172380836	In work	
LF500I -G1-927-48-18 L1	08-11-2023	4062172380850	In work	
LF500I -G1-930-48-18 L1	08-11-2023	4062172380874	In work	
LF500I -G1-940-48-18 L1	08-11-2023	4062172380898	In work	
LF1500I -G1-824-48-12 L1	08-11-2023	4062172380911	In work	
LF1500I -G1-827-48-12 L1	29-03-2024	4062172380935	8c8aa995-5e49-4d89-9a4e-8667ff3fc30f	Lead
LF1500I -G1-830-48-12 L1	29-03-2024	4062172380959	23e1e640-cac4-4bb9-be29-5cd359fbb4f5	Lead
LF1500I -G1-840-48-12 L1	29-03-2024	4062172380973	2e46bec1-b40c-480d-8785-9756609346a2	Lead
LF1500I -G1-924-48-12 L1	08-11-2023	4062172380997	In work	
LF1500I -G1-927-48-12 L1	08-11-2023	4062172381017	In work	
LF1500I -G1-930-48-12 L1	08-11-2023	4062172381031	In work	
LF1500I -G1-940-48-12 L1	08-11-2023	4062172381055	In work	
LF3000I -G1-824-48-06 L1	08-11-2023	4062172381079	In work	
LF3000I -G1-827-48-06 L1	29-03-2024	4062172381093	259a7811-8303-49fe-a8c3-f8fbd916fda4	Lead
LF3000I -G1-830-48-06 L1	29-03-2024	4062172381116	5aa1eaf0-9429-4f16-9ad1-3ab6a32412fc	Lead
LF3000I -G1-840-48-06 L1	29-03-2024	4062172381130	26145bca-787c-47dd-a872-f0af733cb2fa	Lead
LF3000I -G1-924-48-06 L1	08-11-2023	4062172381154	In work	
LF3000I -G1-927-48-06 L1	08-11-2023	4062172381178	In work	
LF3000I -G1-930-48-06 L1	08-11-2023	4062172381192	In work	

Product family datasheet

Product description	Environmental information			
	Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)			
	Date of Declaration	Primary Article Identifier	Declaration No. in SCIP database	Candidate List Substance 1
LF3000I -G1-840-48-06 L1	08-11-2023	4062172381215	In work	
LF4000I -G1-824-48-06 L1	08-11-2023	4062172382717	In work	
LF4000I -G1-827-48-06 L1	18-12-2023	4062172382731	In work	
LF4000I -G1-830-48-06 L1	08-11-2023	4062172382755	In work	
LF4000I -G1-840-48-06 L1	08-11-2023	4062172382779	In work	
LF4000I -G1-924-48-06 L1	08-11-2023	4062172382793	In work	
LF4000I -G1-927-48-06 L1	08-11-2023	4062172382816	In work	
LF4000I -G1-930-48-06 L1	08-11-2023	4062172382830	In work	
LF4000I -G1-940-48-06 L1	18-12-2023	4062172382854	In work	

Product description	CAS No. of substance 1	Safe Use Instruction
LF500I -G1-824-48-18 L1		
LF500I -G1-827-48-18 L1	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.
LF500I -G1-830-48-18 L1	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.
LF500I -G1-840-48-18 L1	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.
LF500I -G1-924-48-18 L1		
LF500I -G1-927-48-18 L1		
LF500I -G1-930-48-18 L1		
LF500I -G1-940-48-18 L1		
LF1500I -G1-824-48-12 L1		
LF1500I -G1-827-48-12 L1	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.
LF1500I -G1-830-48-12 L1	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.

Product family datasheet

Product description	CAS No. of substance 1	Safe Use Instruction
LF1500I -G1-840-48-12 L1	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.
LF1500I -G1-924-48-12 L1		
LF1500I -G1-927-48-12 L1		
LF1500I -G1-930-48-12 L1		
LF1500I -G1-940-48-12 L1		
LF3000I -G1-824-48-06 L1		
LF3000I -G1-827-48-06 L1	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.
LF3000I -G1-830-48-06 L1	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.
LF3000I -G1-840-48-06 L1	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.
LF3000I -G1-924-48-06 L1		
LF3000I -G1-927-48-06 L1		
LF3000I -G1-930-48-06 L1		
LF3000I -G1-840-48-06 L1		
LF4000I -G1-824-48-06 L1		
LF4000I -G1-827-48-06 L1		
LF4000I -G1-830-48-06 L1		
LF4000I -G1-840-48-06 L1		
LF4000I -G1-924-48-06 L1		
LF4000I -G1-927-48-06 L1		
LF4000I -G1-930-48-06 L1		
LF4000I -G1-940-48-06 L1		

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 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

Download Data

File	
	User instruction LINEARlight FLEX Infinite
	Brochures Light is freedom of design (EN)
	Certificates LINEARlight Flex UL 4511753 061123

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.

Product family datasheet

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4062172380751	LF500I -G1-824-48-18 L1	Shipping carton box 8	365 mm x 286 mm x 366 mm	38.21 dm ³	5642.00 g
4062172380775	LF500I -G1-827-48-18 L1	Shipping carton box 8	365 mm x 286 mm x 366 mm	38.21 dm ³	5638.00 g
4062172380799	LF500I -G1-830-48-18 L1	Shipping carton box 8	365 mm x 286 mm x 366 mm	38.21 dm ³	5638.00 g
4062172380812	LF500I -G1-840-48-18 L1	Shipping carton box 8	365 mm x 286 mm x 366 mm	38.21 dm ³	5638.00 g
4062172380836	LF500I -G1-924-48-18 L1	Shipping carton box 8	365 mm x 286 mm x 366 mm	38.21 dm ³	5638.00 g
4062172380850	LF500I -G1-927-48-18 L1	Shipping carton box 8	365 mm x 286 mm x 366 mm	38.21 dm ³	5638.00 g
4062172380874	LF500I -G1-930-48-18 L1	Shipping carton box 8	365 mm x 286 mm x 366 mm	38.21 dm ³	5638.00 g
4062172380898	LF500I -G1-940-48-18 L1	Shipping carton box 8	365 mm x 286 mm x 366 mm	38.21 dm ³	5638.00 g
4062172380911	LF1500I -G1-824-48-12 L1	Shipping carton box 8	241 mm x 195 mm x 205 mm	9.63 dm ³	2069.00 g
4062172380935	LF1500I -G1-827-48-12 L1	Shipping carton box 8	241 mm x 195 mm x 205 mm	9.63 dm ³	2069.00 g
4062172380959	LF1500I -G1-830-48-12 L1	Shipping carton box 8	241 mm x 195 mm x 205 mm	9.63 dm ³	2069.00 g
4062172380973	LF1500I -G1-840-48-12 L1	Shipping carton box 8	241 mm x 195 mm x 205 mm	9.63 dm ³	2069.00 g
4062172380997	LF1500I -G1-924-48-12 L1	Shipping carton box 8	241 mm x 195 mm x 205 mm	9.63 dm ³	2069.00 g
4062172381017	LF1500I -G1-927-48-12 L1	Shipping carton box 8	241 mm x 195 mm x 205 mm	9.63 dm ³	2069.00 g
4062172381031	LF1500I -G1-930-48-12 L1	Shipping carton box 8	241 mm x 195 mm x 205 mm	9.63 dm ³	2069.00 g
4062172381055	LF1500I -G1-940-48-12 L1	Shipping carton box 8	241 mm x 195 mm x 205 mm	9.63 dm ³	2069.00 g
4062172381079	LF3000I -G1-824-48-06 L1	Shipping carton box 8	241 mm x 195 mm x 205 mm	9.63 dm ³	1533.00 g
4062172381093	LF3000I -G1-827-48-06 L1	Shipping carton box 8	241 mm x 195 mm x 205 mm	9.63 dm ³	1533.00 g
4062172381116	LF3000I -G1-830-48-06 L1	Shipping carton box 8	241 mm x 195 mm x 205 mm	9.63 dm ³	1533.00 g
4062172381130	LF3000I -G1-840-48-06 L1	Shipping carton box 8	241 mm x 195 mm x 205 mm	9.63 dm ³	1533.00 g

Product family datasheet

Logistical Data

4062172381154	LF3000I -G1-924-48-06 L1	Shipping carton box 8	241 mm x 195 mm x 205 mm	9.63 dm ³	1533.00 g
4062172381178	LF3000I -G1-927-48-06 L1	Shipping carton box 8	241 mm x 195 mm x 205 mm	9.63 dm ³	1533.00 g
4062172381192	LF3000I -G1-930-48-06 L1	Shipping carton box 8	241 mm x 195 mm x 205 mm	9.63 dm ³	1533.00 g
4062172381215	LF3000I -G1-840-48-06 L1	Shipping carton box 8	241 mm x 195 mm x 205 mm	9.63 dm ³	1533.00 g
4062172382717	LF4000I -G1-824-48-06 L1	Shipping carton box 8	241 mm x 195 mm x 205 mm	9.63 dm ³	1533.00 g
4062172382731	LF4000I -G1-827-48-06 L1	Shipping carton box 8	241 mm x 195 mm x 205 mm	9.63 dm ³	1533.00 g
4062172382755	LF4000I -G1-830-48-06 L1	Shipping carton box 8	241 mm x 195 mm x 205 mm	9.63 dm ³	1533.00 g
4062172382779	LF4000I -G1-840-48-06 L1	Shipping carton box 8	241 mm x 195 mm x 205 mm	9.63 dm ³	1533.00 g
4062172382793	LF4000I -G1-924-48-06 L1	Shipping carton box 8	241 mm x 195 mm x 205 mm	9.63 dm ³	1533.00 g
4062172382816	LF4000I -G1-927-48-06 L1	Shipping carton box 8	241 mm x 195 mm x 205 mm	9.63 dm ³	1533.00 g
4062172382830	LF4000I -G1-930-48-06 L1	Shipping carton box 8	241 mm x 195 mm x 205 mm	9.63 dm ³	1533.00 g
4062172382854	LF4000I -G1-940-48-06 L1	Shipping carton box 8	241 mm x 195 mm x 205 mm	9.63 dm ³	1533.00 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.