

## LINEARlight FLEX Infinite 48V Protect

– LED modules for professional and industrial applications



### Product family features

- 48V system with longer reels
- Luminous flux: up to 4,000 lm/m
- Type of protection: IP68
- 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
- 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
LFP500I -G1-824-48-18 L1	48.0 V	DC	4.0 W	72.00 W	45.6...50.4 V	50,4 V	80
LFP500I -G1-827-48-18 L1	48.0 V	DC	4.0 W	72.00 W	45.6...50.4 V	50,4 V	80
LFP500I -G1-830-48-18 L1	48.0 V	DC	4.0 W	72.00 W	45.6...50.4 V	50,4 V	80
LFP500I -G1-840-48-18 L1	48.0 V	DC	4.0 W	72.00 W	45.6...50.4 V	50,4 V	80
LFP500I -G1-924-48-18 L1	48.0 V	DC	4.0 W	72.00 W	45.6...50.4 V	50,4 V	90
LFP500I -G1-924-48-18 L1	48.0 V	DC	4.0 W	72.00 W	45.6...50.4 V	50,4 V	90
LFP500I -G1-930-48-18 L1	48.0 V	DC	4.0 W	72.00 W	45.6...50.4 V	50,4 V	90
LFP500I -G1-840-48-18 L1	48.0 V	DC	4.0 W	72.00 W	45.6...50.4 V	50,4 V	80
LFP1500I -G1-824-48-12 L1	48.0 V	DC	9.8 W	117.60 W	45.6...50.4 V	50,4 V	80
LFP1500I -G1-827-48-12 L1	48.0 V	DC	9.8 W	117.60 W	45.6...50.4 V	50,4 V	80
LFP1500I -G1-830-48-12 L1	48.0 V	DC	9.8 W	117.60 W	45.6...50.4 V	50,4 V	80
LFP1500I -G1-840-48-12 L1	48.0 V	DC	9.8 W	117.60 W	45.6...50.4 V	50,4 V	80
LFP1500I -G1-924-48-12 L1	48.0 V	DC	9.8 W	117.60 W	45.6...50.4 V	50,4 V	90
LFP1500I -G1-927-48-12 L1	48.0 V	DC	9.8 W	117.60 W	45.6...50.4 V	50,4 V	90
LFP1500I -G1-830-48-12 L1	48.0 V	DC	9.8 W	117.60 W	45.6...50.4 V	50,4 V	90
LFP1500I -G1-840-48-12 L1	48.0 V	DC	9.8 W	117.60 W	45.6...50.4 V	50,4 V	80
LFP3000I -G1-824-48-06 L1	48.0 V	DC	19.6 W	117.60 W	45.6...50.4 V	50,4 V	80
LFP3000I -G1-827-48-06 L1	48.0 V	DC	19.6 W	117.60 W	45.6...50.4 V	50,4 V	80
LFP3000I -G1-830-48-06 L1	48.0 V	DC	19.6 W	117.60 W	45.6...50.4 V	50,4 V	80
LFP3000I -G1-840-48-06 L1	48.0 V	DC	19.6 W	117.60 W	45.6...50.4 V	50,4 V	80
LFP3000I -G1-924-48-06 L1	48.0 V	DC	19.6 W	117.60 W	45.6...50.4 V	50,4 V	90
LFP3000I -G1-927-48-06 L1	48.0 V	DC	19.6 W	117.60 W	45.6...50.4 V	50,4 V	90
LFP3000I -G1-930-48-06 L1	48.0 V	DC	19.6 W	117.60 W	45.6...50.4 V	50,4 V	90
LFP3000I -G1-940-48-06 L1	48.0 V	DC	19.6 W	117.60 W	45.6...50.4 V	50,4 V	80
LFP4000I -G1-824-48-06 L1	48.0 V	DC	26.4 W	158.40 W	45.6...50.4 V	50,4 V	80
LFP4000I -G1-827-48-06 L1	48.0 V	DC	26.4 W	158.40 W	45.6...50.4 V	50,4 V	80
LFP4000I -G1-830-48-06 L1	48.0 V	DC	26.4 W	158.40 W	45.6...50.4 V	50,4 V	80
LFP4000I -G1-840-48-06 L1	48.0 V	DC	26.4 W	158.40 W	45.6...50.4 V	50,4 V	80
LFP4000I -G1-924-48-06 L1	48.0 V	DC	26.4 W	158.40 W	45.6...50.4 V	50,4 V	90
LFP4000I -G1-927-48-06 L1	48.0 V	DC	26.4 W	158.40 W	45.6...50.4 V	50,4 V	90
LFP4000I -G1-930-48-06 L1	48.0 V	DC	26.4 W	158.40 W	45.6...50.4 V	50,4 V	90
LFP4000I -G1-940-48-06 L1	48.0 V	DC	26.4 W	158.40 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	Light color (designation)	Light technical data		
					LED pitch	Beam angle	Starting time
LFP500I -G1-824-48-18 L1	505 lm	9060 lm	126.3 lm/W	2400 K	12.5 mm	120 °	0.0 s
LFP500I -G1-827-48-18 L1	550 lm	9900 lm	137.5 lm/W	2700 K	12.5 mm	120 °	0.0 s
LFP500I -G1-830-48-18 L1	595 lm	10710 lm	148.8 lm/W	3000 K	12.5 mm	120 °	0.0 s
LFP500I -G1-840-48-18 L1	630 lm	11340 lm	157.5 lm/W	4000 K	12.5 mm	120 °	0.0 s
LFP500I -G1-924-48-18 L1	430 lm	7740 lm	107.5 lm/W	2400 K	12.5 mm	120 °	0.0 s
LFP500I -G1-924-48-18 L1	475 lm	8550 lm	118.8 lm/W	2700 K	12.5 mm	120 °	0.0 s
LFP500I -G1-930-48-18 L1	510 lm	9180 lm	127.5 lm/W	3000 K	12.5 mm	120 °	0.0 s
LFP500I -G1-840-48-18 L1	550 lm	9900 lm	137.5 lm/W	4000 K	12.5 mm	120 °	0.0 s
LFP1500I -G1-824-48-12 L1	1240 lm	14880 lm	126.5 lm/W	2400 K	12.5 mm	120 °	0.0 s
LFP1500I -G1-827-48-12 L1	1360 lm	16320 lm	138.8 lm/W	2700 K	12.5 mm	120 °	0.0 s
LFP1500I -G1-830-48-12 L1	1460 lm	17520 lm	149 lm/W	3000 K	12.5 mm	120 °	0.0 s
LFP1500I -G1-840-48-12 L1	1550 lm	18600 lm	158.2 lm/W	4000 K	12.5 mm	120 °	0.0 s
LFP1500I -G1-924-48-12 L1	1060 lm	12720 lm	108.2 lm/W	2400 K	12.5 mm	120 °	0.0 s
LFP1500I -G1-927-48-12 L1	1160 lm	13920 lm	118.4 lm/W	2700 K	12.5 mm	120 °	0.0 s
LFP1500I -G1-830-48-12 L1	1260 lm	15120 lm	128.6 lm/W	3000 K	12.5 mm	120 °	0.0 s
LFP1500I -G1-840-48-12 L1	1360 lm	16320 lm	138.8 lm/W	4000 K	12.5 mm	120 °	0.0 s
LFP3000I -G1-824-48-06 L1	2470 lm	14820 lm	126 lm/W	2400 K	12.5 mm	120 °	0.0 s
LFP3000I -G1-827-48-06 L1	2720 lm	16320 lm	138.8 lm/W	2700 K	12.5 mm	120 °	0.0 s
LFP3000I -G1-830-48-06 L1		17460 lm	148.5 lm/W	3000 K	12.5 mm	120 °	0.0 s
LFP3000I -G1-840-48-06 L1		18540 lm	157.7 lm/W	4000 K	12.5 mm	120 °	0.0 s
LFP3000I -G1-924-48-06 L1	2100 lm	12600 lm	107.1 lm/W	2400 K	12.5 mm	120 °	0.0 s
LFP3000I -G1-927-48-06 L1		13740 lm	116.8 lm/W	2700 K	12.5 mm	120 °	0.0 s
LFP3000I -G1-930-48-06 L1	2500 lm	15000 lm	127.6 lm/W	3000 K	12.5 mm	120 °	0.0 s
LFP3000I -G1-940-48-06 L1		16140 lm	137.2 lm/W	4000 K	12.5 mm	120 °	0.0 s
LFP4000I -G1-824-48-06 L1		19260 lm	121.6 lm/W	2400 K	12.5 mm	120 °	0.5 s
LFP4000I -G1-827-48-06 L1		21480 lm	135.6 lm/W	2700 K	12.5 mm	120 °	0.5 s
LFP4000I -G1-830-48-06 L1		23100 lm	145.8 lm/W	3000 K	12.5 mm	120 °	0.5 s
LFP4000I -G1-840-48-06 L1		24480 lm	154.5 lm/W	4000 K	12.5 mm	120 °	0.5 s
LFP4000I -G1-924-48-06 L1		16680 lm	105.3 lm/W	2400 K	12.5 mm	120 °	0.5 s
LFP4000I -G1-927-48-06 L1		18000 lm	113.9 lm/W	2700 K	12.5 mm	120 °	0.5 s
LFP4000I -G1-930-48-06 L1		19860 lm	125.4 lm/W	3000 K	12.5 mm	120 °	0.5 s
LFP4000I -G1-940-48-06 L1		21300 lm	134.5 lm/W	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	Height
LFP500I -G1-824-48-18 L1		80	8	18000 mm	100.0 mm	4.50 mm
LFP500I -G1-827-48-18 L1		80	8	18000 mm	100.0 mm	4.50 mm
LFP500I -G1-830-48-18 L1		80	8	18000 mm	100.0 mm	4.50 mm
LFP500I -G1-840-48-18 L1		80	8	18000 mm	100.0 mm	4.50 mm
LFP500I -G1-924-48-18 L1		80	8	18000 mm	100.0 mm	4.50 mm
LFP500I -G1-924-48-18 L1	0.00 s	80	8	18000 mm	100.0 mm	4.50 mm

## 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	Height
LFP500I -G1-930-48-18 L1	0.00 s	80	8	18000 mm	100.0 mm	4.50 mm
LFP500I -G1-840-48-18 L1	0.00 s	80	8	18000 mm	100.0 mm	4.50 mm
LFP1500I -G1-824-48-12 L1	0.00 s	80	8	12000 mm	100.0 mm	4.50 mm
LFP1500I -G1-827-48-12 L1	0.00 s	80	8	12000 mm	100.0 mm	4.50 mm
LFP1500I -G1-830-48-12 L1	0.00 s	80	8	12000 mm	100.0 mm	4.50 mm
LFP1500I -G1-840-48-12 L1	0.00 s	80	8	12000 mm	100.0 mm	4.50 mm
LFP1500I -G1-924-48-12 L1	0.00 s	80	8	12000 mm	100.0 mm	4.50 mm
LFP1500I -G1-927-48-12 L1	0.00 s	80	8	12000 mm	100.0 mm	4.50 mm
LFP1500I -G1-830-48-12 L1	0.00 s	80	8	12000 mm	100.0 mm	4.50 mm
LFP1500I -G1-840-48-12 L1	0.00 s	80	8	12000 mm	100.0 mm	4.50 mm
LFP3000I -G1-824-48-06 L1	0.00 s	80	8	6000 mm	100.0 mm	4.50 mm
LFP3000I -G1-827-48-06 L1	0.00 s	80	8	6000 mm	100.0 mm	4.50 mm
LFP3000I -G1-830-48-06 L1	0.00 s	80	8	6000 mm	100.0 mm	4.50 mm
LFP3000I -G1-840-48-06 L1	0.00 s	80	8	6000 mm	100.0 mm	4.50 mm
LFP3000I -G1-924-48-06 L1	0.00 s	80	8	6000 mm	100.0 mm	4.50 mm
LFP3000I -G1-927-48-06 L1	0.00 s	80	8	6000 mm	100.0 mm	4.50 mm
LFP3000I -G1-930-48-06 L1	0.00 s	80	8	6000 mm	100.0 mm	4.50 mm
LFP3000I -G1-940-48-06 L1	0.00 s	80	8	6000 mm	100.0 mm	4.50 mm
LFP4000I -G1-824-48-06 L1	0.00 s	80	8	6000 mm	100.0 mm	4.50 mm
LFP4000I -G1-827-48-06 L1	0.00 s	80	8	6000 mm	100.0 mm	4.50 mm
LFP4000I -G1-830-48-06 L1	0.00 s	80	8	6000 mm	100.0 mm	4.50 mm
LFP4000I -G1-840-48-06 L1	0.00 s	80	8	6000 mm	100.0 mm	4.50 mm
LFP4000I -G1-924-48-06 L1	0.00 s	80	8	6000 mm		4.50 mm
LFP4000I -G1-927-48-06 L1	0.00 s	80	8	6000 mm		4.50 mm
LFP4000I -G1-930-48-06 L1	0.00 s	80	8	6000 mm		4.50 mm
LFP4000I -G1-940-48-06 L1	0.00 s	80	8	6000 mm		4.50 mm

Product description	Product weight	Colors & materials	Temperatures & operating conditions		
		Cover material	Performance temp. acc. to IEC 62717	Temperature range in operation at Tc point	Ambient temperature range
LFP500I -G1-824-48-18 L1	1092.00 g	Silicone	30 °C	-30...80 °C <sup>1)</sup>	-30...+55 °C <sup>2)</sup>
LFP500I -G1-827-48-18 L1	1092.00 g	Silicone	30 °C	-30...80 °C <sup>1)</sup>	-30...+55 °C <sup>2)</sup>
LFP500I -G1-830-48-18 L1	1092.00 g	Silicone	30 °C	-30...80 °C <sup>1)</sup>	-30...+55 °C <sup>2)</sup>
LFP500I -G1-840-48-18 L1	1092.00 g	Silicone	30 °C	-30...80 °C <sup>1)</sup>	-30...+55 °C <sup>2)</sup>
LFP500I -G1-924-48-18 L1	1092.00 g	Silicone	30 °C	-30...80 °C <sup>1)</sup>	-30...+55 °C <sup>2)</sup>
LFP500I -G1-924-48-18 L1	1092.00 g	Silicone	30 °C	-30...80 °C <sup>1)</sup>	-30...+55 °C <sup>2)</sup>
LFP500I -G1-930-48-18 L1	1092.00 g	Silicone	30 °C	-30...80 °C <sup>1)</sup>	-30...+55 °C <sup>2)</sup>
LFP500I -G1-840-48-18 L1	1092.00 g	Silicone	30 °C	-30...80 °C <sup>1)</sup>	-30...+55 °C <sup>2)</sup>
LFP1500I -G1-824-48-12 L1	734.00 g	Silicone	36 °C	-30...80 °C <sup>1)</sup>	-30...+55 °C <sup>2)</sup>
LFP1500I -G1-827-48-12 L1	734.00 g	Silicone	36 °C	-30...80 °C <sup>1)</sup>	-30...+55 °C <sup>2)</sup>
LFP1500I -G1-830-48-12 L1	734.00 g	Silicone	36 °C	-30...80 °C <sup>1)</sup>	-30...+55 °C <sup>2)</sup>
LFP1500I -G1-840-48-12 L1	734.00 g	Silicone	36 °C	-30...80 °C <sup>1)</sup>	-30...+55 °C <sup>2)</sup>

## Product family datasheet

Product description	Product weight	Colors & materials	Temperatures & operating conditions		
		Cover material	Performance temp. acc. to IEC 62717	Temperature range in operation at Tc point	Ambient temperature range
LFP1500I -G1-924-48-12 L1	734.00 g	Silicone	36 °C	-30...80 °C <sup>1)</sup>	-30...+55 °C <sup>2)</sup>
LFP1500I -G1-927-48-12 L1	734.00 g	Silicone	36 °C	-30...80 °C <sup>1)</sup>	-30...+55 °C <sup>2)</sup>
LFP1500I -G1-830-48-12 L1	734.00 g	Silicone	36 °C	-30...80 °C <sup>1)</sup>	-30...+55 °C <sup>2)</sup>
LFP1500I -G1-840-48-12 L1	734.00 g	Silicone	36 °C	-30...80 °C <sup>1)</sup>	-30...+55 °C <sup>2)</sup>
LFP3000I -G1-824-48-06 L1	376.00 g	Silicone	45 °C	-30...80 °C <sup>1)</sup>	-30...+55 °C <sup>2)</sup>
LFP3000I -G1-827-48-06 L1	376.00 g	Silicone	45 °C	-30...80 °C <sup>1)</sup>	-30...+55 °C <sup>2)</sup>
LFP3000I -G1-830-48-06 L1	376.00 g	Silicone	45 °C	-30...80 °C <sup>1)</sup>	-30...+55 °C <sup>2)</sup>
LFP3000I -G1-840-48-06 L1	376.00 g	Silicone	45 °C	-30...80 °C <sup>1)</sup>	-30...+55 °C <sup>2)</sup>
LFP3000I -G1-924-48-06 L1	376.00 g	Silicone	45 °C	-30...80 °C <sup>1)</sup>	-30...+55 °C <sup>2)</sup>
LFP3000I -G1-927-48-06 L1	376.00 g	Silicone	45 °C	-30...80 °C <sup>1)</sup>	-30...+55 °C <sup>2)</sup>
LFP3000I -G1-930-48-06 L1	376.00 g	Silicone	45 °C	-30...80 °C <sup>1)</sup>	-30...+55 °C <sup>2)</sup>
LFP3000I -G1-940-48-06 L1	376.00 g	Silicone	45 °C	-30...80 °C <sup>1)</sup>	-30...+55 °C <sup>2)</sup>
LFP4000I -G1-824-48-06 L1	376.00 g	Silicone	52 °C	-30...80 °C <sup>1)</sup>	-30...+55 °C <sup>2)</sup>
LFP4000I -G1-827-48-06 L1	376.00 g	Silicone	52 °C	-30...80 °C <sup>1)</sup>	-30...+55 °C <sup>2)</sup>
LFP4000I -G1-830-48-06 L1	376.00 g	Silicone	52 °C	-30...80 °C <sup>1)</sup>	-30...+55 °C <sup>2)</sup>
LFP4000I -G1-840-48-06 L1	376.00 g	Silicone	52 °C	-30...80 °C <sup>1)</sup>	-30...+55 °C <sup>2)</sup>
LFP4000I -G1-924-48-06 L1	376.00 g	Silicone	52 °C	-30...80 °C <sup>1)</sup>	-30...+55 °C <sup>2)</sup>
LFP4000I -G1-927-48-06 L1	376.00 g	Silicone	52 °C	-30...80 °C <sup>1)</sup>	-30...+55 °C <sup>2)</sup>
LFP4000I -G1-930-48-06 L1	376.00 g	Silicone	52 °C	-30...80 °C <sup>1)</sup>	-30...+55 °C <sup>2)</sup>
LFP4000I -G1-940-48-06 L1	376.00 g	Silicone	52 °C	-30...80 °C <sup>1)</sup>	-30...+55 °C <sup>2)</sup>

Product description	Temperature range at storage	Lifespan			Capabilities
		Rated lamp life time	Nominal lamp life time	Number of switching cycles	Lowest bending radius
LFP500I -G1-824-48-18 L1	-40...+85 °C	60000 h	60000 h	>30000	50 mm
LFP500I -G1-827-48-18 L1	-40...+85 °C	60000 h	60000 h	>30000	50 mm
LFP500I -G1-830-48-18 L1	-40...+85 °C	60000 h	60000 h	>30000	50 mm
LFP500I -G1-840-48-18 L1	-40...+85 °C	60000 h	60000 h	>30000	50 mm
LFP500I -G1-924-48-18 L1	-40...+85 °C	60000 h	60000 h	>30000	50 mm
LFP500I -G1-924-48-18 L1	-40...+85 °C	60000 h	60000 h	>30000	50 mm
LFP500I -G1-930-48-18 L1	-40...+85 °C	60000 h	60000 h	>30000	50 mm
LFP500I -G1-840-48-18 L1	-40...+85 °C	60000 h	60000 h	>30000	50 mm
LFP1500I -G1-824-48-12 L1	-40...+85 °C	60000 h	60000 h	>30000	50 mm
LFP1500I -G1-827-48-12 L1	-40...+85 °C	60000 h	60000 h	>30000	50 mm
LFP1500I -G1-830-48-12 L1	-40...+85 °C	60000 h	60000 h	>30000	50 mm
LFP1500I -G1-840-48-12 L1	-40...+85 °C	60000 h	60000 h	>30000	50 mm
LFP1500I -G1-924-48-12 L1	-40...+85 °C	60000 h	60000 h	>30000	50 mm
LFP1500I -G1-927-48-12 L1	-40...+85 °C	60000 h	60000 h	>30000	50 mm
LFP1500I -G1-830-48-12 L1	-40...+85 °C	60000 h	60000 h	>30000	50 mm
LFP1500I -G1-840-48-12 L1	-40...+85 °C	60000 h	60000 h	>30000	50 mm
LFP3000I -G1-824-48-06 L1	-40...+85 °C	60000 h	60000 h	>30000	50 mm
LFP3000I -G1-827-48-06 L1	-40...+85 °C	60000 h	60000 h	>30000	50 mm

## Product family datasheet

Product description	Temperature range at storage	Lifespan			Capabilities
		Rated lamp life time	Nominal lamp life time	Number of switching cycles	Lowest bending radius
LFP3000I -G1-830-48-06 L1	-40...+85 °C	60000 h	60000 h	>30000	50 mm
LFP3000I -G1-840-48-06 L1	-40...+85 °C	60000 h	60000 h	>30000	50 mm
LFP3000I -G1-924-48-06 L1	-40...+85 °C	60000 h	60000 h	>30000	50 mm
LFP3000I -G1-927-48-06 L1	-40...+85 °C	60000 h	60000 h	>30000	50 mm
LFP3000I -G1-930-48-06 L1	-40...+85 °C	60000 h	60000 h	>30000	50 mm
LFP3000I -G1-940-48-06 L1	-40...+85 °C	60000 h	60000 h	>30000	50 mm
LFP4000I -G1-824-48-06 L1	-40...+85 °C	60000 h		>30000	50 mm
LFP4000I -G1-827-48-06 L1	-40...+85 °C	60000 h	60000 h	>30000	50 mm
LFP4000I -G1-830-48-06 L1	-40...+85 °C	60000 h	60000 h	>30000	50 mm
LFP4000I -G1-840-48-06 L1	-40...+85 °C	60000 h	60000 h	>30000	50 mm
LFP4000I -G1-924-48-06 L1	-40...+85 °C	60000 h	60000 h	>30000	50 mm
LFP4000I -G1-927-48-06 L1	-40...+85 °C	60000 h	60000 h	>30000	50 mm
LFP4000I -G1-930-48-06 L1	-40...+85 °C	60000 h	60000 h	>30000	50 mm
LFP4000I -G1-940-48-06 L1	-40...+85 °C	60000 h		>30000	50 mm

Product description	Self-adhesive	With connection set	With end piece	Certificates & standards
				Standards
LFP500I -G1-824-48-18 L1	Yes	No	No	CE/UKCA/ENEC/VDE/UL/S ASO
LFP500I -G1-827-48-18 L1	Yes	No	No	CE/UKCA/ENEC/VDE/UL/S ASO
LFP500I -G1-830-48-18 L1	Yes	No	No	CE/UKCA/ENEC/VDE/UL/S ASO
LFP500I -G1-840-48-18 L1	Yes	No	No	CE/UKCA/ENEC/VDE/UL/S ASO
LFP500I -G1-924-48-18 L1	Yes	No	No	CE/UKCA/ENEC/VDE/UL/S ASO
LFP500I -G1-924-48-18 L1	Yes	No	No	CE/UKCA/ENEC/VDE/UL/S ASO
LFP500I -G1-930-48-18 L1	Yes	No	No	CE/UKCA/ENEC/VDE/UL/S ASO
LFP500I -G1-840-48-18 L1	Yes	No	No	CE/UKCA/ENEC/VDE/UL/S ASO
LFP1500I -G1-824-48-12 L1	Yes	No	No	CE/UKCA/ENEC/VDE/UL/S ASO
LFP1500I -G1-827-48-12 L1	Yes	No	No	CE/UKCA/ENEC/VDE/UL/S ASO
LFP1500I -G1-830-48-12 L1	Yes	No	No	CE/UKCA/ENEC/VDE/UL/S ASO
LFP1500I -G1-840-48-12 L1	Yes	No	No	CE/UKCA/ENEC/VDE/UL/S ASO
LFP1500I -G1-924-48-12 L1	Yes	No	No	CE/UKCA/ENEC/VDE/UL/S ASO
LFP1500I -G1-927-48-12 L1	Yes	No	No	CE/UKCA/ENEC/VDE/UL/S ASO

## Product family datasheet

Product description	Self-adhesive	With connection set	With end piece	Certificates & standards
				Standards
LFP1500I -G1-830-48-12 L1	Yes	No	No	CE/UKCA/ENEC/VDE/UL/S ASO
LFP1500I -G1-840-48-12 L1	Yes	No	No	CE/UKCA/ENEC/VDE/UL/S ASO
LFP3000I -G1-824-48-06 L1	Yes	No	No	CE/UKCA/ENEC/VDE/UL/S ASO
LFP3000I -G1-827-48-06 L1	Yes	No	No	CE/UKCA/ENEC/VDE/UL/S ASO
LFP3000I -G1-830-48-06 L1	Yes	No	No	CE/UKCA/ENEC/VDE/UL/S ASO
LFP3000I -G1-840-48-06 L1	Yes	No	No	CE/UKCA/ENEC/VDE/UL/S ASO
LFP3000I -G1-924-48-06 L1	Yes	No	No	CE/UKCA/ENEC/VDE/UL/S ASO
LFP3000I -G1-927-48-06 L1	Yes	No	No	CE/UKCA/ENEC/VDE/UL/S ASO
LFP3000I -G1-930-48-06 L1	Yes	No	No	CE/UKCA/ENEC/VDE/UL/S ASO
LFP3000I -G1-940-48-06 L1	Yes	No	No	CE/UKCA/ENEC/VDE/UL/S ASO
LFP4000I -G1-824-48-06 L1	Yes	No	No	CE/UKCA/ENEC/VDE/UL/S ASO
LFP4000I -G1-827-48-06 L1	Yes	No	No	CE/UKCA/ENEC/VDE/UL/S ASO
LFP4000I -G1-830-48-06 L1	Yes	No	No	CE/UKCA/ENEC/VDE/UL/S ASO
LFP4000I -G1-840-48-06 L1	Yes	No	No	CE/UKCA/ENEC/VDE/UL/S ASO
LFP4000I -G1-924-48-06 L1	Yes	No	No	CE/UKCA/ENEC/VDE/UL/S ASO
LFP4000I -G1-927-48-06 L1	Yes	No	No	CE/UKCA/ENEC/VDE/UL/S ASO
LFP4000I -G1-930-48-06 L1	Yes	No	No	CE/UKCA/ENEC/VDE/UL/S ASO
LFP4000I -G1-940-48-06 L1	Yes	No	No	CE/UKCA/ENEC/VDE/UL/S ASO

Product description	Type of protection	Logistical data	Environmental information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
		Commodity code	Date of Declaration	Primary Article Identifier
LFP500I -G1-824-48-18 L1	IP66/IP68	85395100000	08-11-2023	4062172381239
LFP500I -G1-827-48-18 L1	IP66/IP68	85395100000	29-03-2024	4062172381253
LFP500I -G1-830-48-18 L1	IP66/IP68	85395100000	29-03-2024	4062172381277
LFP500I -G1-840-48-18 L1	IP66/IP68	85395100000	29-03-2024	4062172381291
LFP500I -G1-924-48-18 L1	IP66/IP68	85395100000	08-11-2023	4062172381338
LFP500I -G1-924-48-18 L1	IP66/IP68	85395100000	08-11-2023	4062172381352
LFP500I -G1-930-48-18 L1	IP66/IP68	85395100000	08-11-2023	4062172381376

## Product family datasheet

Product description	Type of protection	Logistical data		Environmental information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
		Commodity code		Date of Declaration	Primary Article Identifier
LFP500I -G1-840-48-18 L1	IP66/IP68	85395100000		08-11-2023	4062172381390
LFP1500I -G1-824-48-12 L1	IP66/IP68	85395100000		08-11-2023	4062172381437
LFP1500I -G1-827-48-12 L1	IP66/IP68	85395100000		08-11-2023	4062172381451
LFP1500I -G1-830-48-12 L1	IP66/IP68	85395100000		08-11-2023	4062172381499
LFP1500I -G1-840-48-12 L1	IP66/IP68	85395100000		08-11-2023	4062172381536
LFP1500I -G1-924-48-12 L1	IP66/IP68	85395100000		08-11-2023	4062172381574
LFP1500I -G1-927-48-12 L1	IP66/IP68	85395100000		08-11-2023	4062172381635
LFP1500I -G1-830-48-12 L1	IP66/IP68	85395100000		08-11-2023	4062172381659
LFP1500I -G1-840-48-12 L1	IP66/IP68	85395100000		08-11-2023	4062172381673
LFP3000I -G1-824-48-06 L1	IP66/IP68	85395100000		08-11-2023	4062172381697
LFP3000I -G1-827-48-06 L1	IP66/IP68	85395100000		29-03-2024	4062172381710
LFP3000I -G1-830-48-06 L1	IP66/IP68	85395100000		29-03-2024	4062172381734
LFP3000I -G1-840-48-06 L1	IP66/IP68	85395100000		29-03-2024	4062172381758
LFP3000I -G1-924-48-06 L1	IP66/IP68	85395100000		08-11-2023	4062172381772
LFP3000I -G1-927-48-06 L1	IP66/IP68	85395100000		08-11-2023	4062172381796
LFP3000I -G1-930-48-06 L1	IP66/IP68	85395100000		08-11-2023	4062172381819
LFP3000I -G1-940-48-06 L1	IP66/IP68	85395100000		08-11-2023	4062172381833
LFP4000I -G1-824-48-06 L1	IP66/IP68	85395100000		08-11-2023	4062172382878
LFP4000I -G1-827-48-06 L1	IP66/IP68	85395100000		08-11-2023	4062172382892
LFP4000I -G1-830-48-06 L1	IP66/IP68	85395100000		08-11-2023	4062172382915
LFP4000I -G1-840-48-06 L1	IP66/IP68	85395100000		08-11-2023	4062172382939
LFP4000I -G1-924-48-06 L1	IP66/IP68	85395100000		08-11-2023	4062172382953
LFP4000I -G1-927-48-06 L1	IP66/IP68	85395100000		08-11-2023	4062172382977
LFP4000I -G1-930-48-06 L1	IP66/IP68	85395100000		08-11-2023	4062172382991
LFP4000I -G1-940-48-06 L1	IP66/IP68	85395100000		08-11-2023	4062172383011

Product description	Declaration No. in SCIP database	Candidate List Substance 1	CAS No. of substance 1	Safe Use Instruction
LFP500I -G1-824-48-18 L1	In work			
LFP500I -G1-827-48-18 L1	08b139f9-f87f-442e-b740-2c554a81ade2	Lead	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.
LFP500I -G1-830-48-18 L1	14dd1dd1-df0c-4b8e-ad45-175afc8f45ed	Lead	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.



## Product family datasheet

Product description	Declaration No. in SCIP database	Candidate List Substance 1	CAS No. of substance 1	Safe Use Instruction
LFP500I -G1-840-48-18 L1	f4602c66-42e3-4739-82e1-677d30654718	Lead	7439-92-1	The identification of the Candidate List substance is sufficient to allow safe use of the article.
LFP500I -G1-924-48-18 L1	In work			
LFP500I -G1-924-48-18 L1	In work			
LFP500I -G1-930-48-18 L1	In work			
LFP500I -G1-840-48-18 L1	In work			
LFP1500I -G1-824-48-12 L1	In work			
LFP1500I -G1-827-48-12 L1	In work			
LFP1500I -G1-830-48-12 L1	In work			
LFP1500I -G1-840-48-12 L1	In work			
LFP1500I -G1-924-48-12 L1	In work			
LFP1500I -G1-927-48-12 L1	In work			
LFP1500I -G1-830-48-12 L1	In work			
LFP1500I -G1-840-48-12 L1	In work			
LFP3000I -G1-824-48-06 L1	In work			
LFP3000I -G1-827-48-06 L1	In work	No declarable substances contained	7439-92-1	
LFP3000I -G1-830-48-06 L1	In work	No declarable substances contained	7439-92-1	
LFP3000I -G1-840-48-06 L1	In work	No declarable substances contained	7439-92-1	
LFP3000I -G1-924-48-06 L1	In work			
LFP3000I -G1-927-48-06 L1	In work			
LFP3000I -G1-930-48-06 L1	In work			
LFP3000I -G1-940-48-06 L1	In work			
LFP4000I -G1-824-48-06 L1	In work			
LFP4000I -G1-827-48-06 L1	In work			
LFP4000I -G1-830-48-06 L1	In work			
LFP4000I -G1-840-48-06 L1	In work			
LFP4000I -G1-924-48-06 L1	In work			
LFP4000I -G1-927-48-06 L1	In work			
LFP4000I -G1-930-48-06 L1	In work			
LFP4000I -G1-940-48-06 L1	In work			

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

<sup>2)</sup> 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](http://www.osram.com)

---

### Download Data

File	
	User instruction LINEARlight FLEX Protect 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
4062172381239	LFP500I -G1-824-48-18 L1	Shipping carton box 4	519 mm x 167 mm x 525 mm	45.50 dm <sup>3</sup>	7096.00 g
4062172381253	LFP500I -G1-827-48-18 L1	Shipping carton box 4	519 mm x 167 mm x 525 mm	45.50 dm <sup>3</sup>	7096.00 g
4062172381277	LFP500I -G1-830-48-18 L1	Shipping carton box 4	519 mm x 167 mm x 525 mm	45.50 dm <sup>3</sup>	7096.00 g
4062172381291	LFP500I -G1-840-48-18 L1	Shipping carton box 4	519 mm x 167 mm x 525 mm	45.50 dm <sup>3</sup>	7096.00 g
4062172381338	LFP500I -G1-924-48-18 L1	Shipping carton box 4	519 mm x 167 mm x 525 mm	45.50 dm <sup>3</sup>	7096.00 g
4062172381352	LFP500I -G1-924-48-18 L1	Shipping carton box 4	519 mm x 167 mm x 525 mm	45.50 dm <sup>3</sup>	7096.00 g
4062172381376	LFP500I -G1-930-48-18 L1	Shipping carton box 4	519 mm x 167 mm x 525 mm	45.50 dm <sup>3</sup>	7096.00 g
4062172381390	LFP500I -G1-840-48-18 L1	Shipping carton box 4	519 mm x 167 mm x 525 mm	45.50 dm <sup>3</sup>	7096.00 g
4062172381437	LFP1500I -G1-824-48-12 L1	Shipping carton box 8	365 mm x 286 mm x 366 mm	38.21 dm <sup>3</sup>	10090.00 g
4062172381451	LFP1500I -G1-827-48-12 L1	Shipping carton box 8	365 mm x 286 mm x 366 mm	38.21 dm <sup>3</sup>	10090.00 g
4062172381499	LFP1500I -G1-830-48-12 L1	Shipping carton box 8	365 mm x 286 mm x 366 mm	38.21 dm <sup>3</sup>	10090.00 g
4062172381536	LFP1500I -G1-840-48-12 L1	Shipping carton box 8	365 mm x 286 mm x 366 mm	38.21 dm <sup>3</sup>	10090.00 g
4062172381574	LFP1500I -G1-924-48-12 L1	Shipping carton box 8	365 mm x 286 mm x 366 mm	38.21 dm <sup>3</sup>	10090.00 g
4062172381635	LFP1500I -G1-927-48-12 L1	Shipping carton box 8	365 mm x 286 mm x 366 mm	38.21 dm <sup>3</sup>	10090.00 g
4062172381659	LFP1500I -G1-830-48-12 L1	Shipping carton box 8	365 mm x 286 mm x 366 mm	38.21 dm <sup>3</sup>	10090.00 g
4062172381673	LFP1500I -G1-840-48-12 L1	Shipping carton box 8	365 mm x 286 mm x 366 mm	38.21 dm <sup>3</sup>	10090.00 g
4062172381697	LFP3000I -G1-824-48-06 L1	Shipping carton box 8	365 mm x 286 mm x 366 mm	38.21 dm <sup>3</sup>	7226.00 g
4062172381710	LFP3000I -G1-827-48-06 L1	Shipping carton box 8	365 mm x 286 mm x 366 mm	38.21 dm <sup>3</sup>	7226.00 g
4062172381734	LFP3000I -G1-830-48-06 L1	Shipping carton box 8	365 mm x 286 mm x 366 mm	38.21 dm <sup>3</sup>	7226.00 g
4062172381758	LFP3000I -G1-840-48-06 L1	Shipping carton box 8	365 mm x 286 mm x 366 mm	38.21 dm <sup>3</sup>	7226.00 g

## Product family datasheet

### Logistical Data

4062172381772	LFP3000I -G1-924-48-06 L1	Shipping carton box 8	365 mm x 286 mm x 366 mm	38.21 dm <sup>3</sup>	7226.00 g
4062172381796	LFP3000I -G1-927-48-06 L1	Shipping carton box 8	365 mm x 286 mm x 366 mm	38.21 dm <sup>3</sup>	7226.00 g
4062172381819	LFP3000I -G1-930-48-06 L1	Shipping carton box 8	365 mm x 286 mm x 366 mm	38.21 dm <sup>3</sup>	7226.00 g
4062172381833	LFP3000I -G1-940-48-06 L1	Shipping carton box 8	365 mm x 286 mm x 366 mm	38.21 dm <sup>3</sup>	7226.00 g
4062172382878	LFP4000I -G1-824-48-06 L1	Shipping carton box 8	365 mm x 286 mm x 366 mm	38.21 dm <sup>3</sup>	7226.00 g
4062172382892	LFP4000I -G1-827-48-06 L1	Shipping carton box 8	365 mm x 286 mm x 366 mm	38.21 dm <sup>3</sup>	7226.00 g
4062172382915	LFP4000I -G1-830-48-06 L1	Shipping carton box 8	365 mm x 286 mm x 366 mm	38.21 dm <sup>3</sup>	7226.00 g
4062172382939	LFP4000I -G1-840-48-06 L1	Shipping carton box 8	365 mm x 286 mm x 366 mm	38.21 dm <sup>3</sup>	7226.00 g
4062172382953	LFP4000I -G1-924-48-06 L1	Shipping carton box 8	365 mm x 286 mm x 366 mm	38.21 dm <sup>3</sup>	7226.00 g
4062172382977	LFP4000I -G1-927-48-06 L1	Shipping carton box 8	365 mm x 286 mm x 366 mm	38.21 dm <sup>3</sup>	7226.00 g
4062172382991	LFP4000I -G1-930-48-06 L1	Shipping carton box 8	365 mm x 286 mm x 366 mm	38.21 dm <sup>3</sup>	7226.00 g
4062172383011	LFP4000I -G1-940-48-06 L1	Shipping carton box 8	365 mm x 286 mm x 366 mm	38.21 dm <sup>3</sup>	7226.00 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.