

## LED STRIP | RIGID BOARDS | LINEAR LED FLEX | SPECIFICATIONS & THE LINEAR EFFECT

At fossLED we offer a comprehensive range of LED Strip, Rigid boards and LINEAR LED Flex products to suit almost any Linear lighting installation. The below table is to help guide users towards the best suited products for their application.

For a LINEAR no dotted effect where required, please note our "Linear in Extrusion depth of" column. Here we list the minimum Aluminium Extrusion depth required in order to achieve a Linear effect when used in conjunction with the applicable product. Please note that where listed as LINEAR; this product can achieve a LINEAR effect in any fossLED Aluminium Extrusion combination.

Series	Wattage Per Metre	LEDs Per Metre	CRI	Colour Temperatures	Lumens Per Metre	Cut Points Every	Product Width IP20/IP65	Light Source Model	LINEAR in Extrusion Depth of
ECO	5W	60	92+		500lm	100mm	8/10mm	FLS1	20mm +
ECO	<b>NEW</b> 5W	120	92+		520lm	50mm	8/10mm	FLS2	14mm +
ECO	10W	120	92+		900lm	50mm	8/10mm	FLS3	14mm +
ECO	12W	60	92+		1170lm	100mm	8/10mm	FLS4	20mm +
ECO	<b>NEW</b> 15W	120	92+		1350lm	50mm	8/10mm	FLS5	14mm +
ECO	20W	120	92+		1800lm	50mm	8/10mm	FLS6	14mm +
LINEAR	<b>NEW</b> 5W	280	95+		545lm	25mm	10/12mm	FLSL1	LINEAR
LINEAR	10W	280	95+		1090lm	25mm	10/12mm	FLSL3	LINEAR
LINEAR	<b>NEW</b> 15W	280	95+		1640lm	25mm	10/12mm	FLSL5	LINEAR
LINEAR	20W	280	95+		2180lm	25mm	10/12mm	FLSL6	LINEAR
ULTRA RUN	<b>NEW</b> 5W	60	92+		450lm	100mm	10/12mm	FLSC1	20mm +
ULTRA RUN	<b>NEW</b> 10W	120	92+		930lm	50mm	10/12mm	FLSC3	14mm +
NANO RGB	<b>NEW</b> 8W	120	N/A		300lm	50mm	5mm/NA	FLSNR3	14mm+
NANO	<b>NEW</b> 10W	240	95+		1100lm	25mm	4mm/NA	FLSN3	LINEAR
DRUM	<b>NEW</b> 5W	60	92+		500lm	100mm	8/10mm	FLSDS1	20mm +
DRUM RGB	<b>NEW</b> 9W	48	N/A		340lm	125mm	12mm	FLSDR2	20mm +
DRUM	<b>NEW</b> 10W	120	92+		900lm	50mm	8/10mm	FLSDS3	14mm +
DRUM RGBW	<b>NEW</b> 20W	60	N/A		730 + 420lm	100mm	12/14mm	FLSDY6	20mm +
RIGID BOARDS	22W	128	82+		4180lm	68.75mm	10mm/NA	FLB6	20mm +
RIGID BOARDS	22W	128	92+		2600lm	68.75mm	10mm/NA	FLB7	20mm +
HIGH POWER	22W	192	82+		3700lm	41.67mm	10mm/NA	FLSH6	LINEAR
HIGH POWER	<b>NEW</b> 22W	192	92+		3000lm	41.67mm	10mm/NA	FLSH7	LINEAR
TUNEABLE WHITE	10W	120	92+		350 - 700lm	100mm	10/12mm	FLST3	14mm +
TUNEABLE WHITE	20W	240	95+		850 - 1700lm	50mm	10/12mm	FLST6	LINEAR
RGB	9W	48	N/A		340lm	125mm	NA/12mm	FLSR2	20mm +
RGB	12W	60	N/A		460lm	100mm	10/12mm	FLSR4	20mm +
RGB	<b>NEW</b> 12W	120	N/A		480lm	50mm	8/10mm	FLSR5	14mm +
RGB	<b>NEW</b> 24W	240	N/A		960lm	25mm	12/14mm	FLSR7	LINEAR
RGBW	20W	60	N/A		730 + 420lm	100mm	12/14mm	FLSY6	20mm +
RGBW	30W	96	N/A		1335 + 700lm	62.50mm	12mm/NA	FLSY8	14mm +
LINEAR LED FLEX TV	<b>NEW</b> 10W	N/A	92+		670lm	50mm	12*12mm	FLO3	LINEAR
LINEAR LED FLEX TV	15W	N/A	92+		1200lm	50mm	12*12mm	FLO5	LINEAR
LINEAR LED FLEX RGB TV	<b>NEW</b> 10W	N/A	N/A		290lm	62.50mm	12*12mm	FLOR3	LINEAR
LINEAR LED FLEX RGBW TV	15W	N/A	N/A		510 + 230lm	62.50mm	16*15mm	FLOY5	LINEAR
LINEAR LED FLEX NANO SB	10W	N/A	92+		380lm	50mm	6*12mm	FLNSB3	LINEAR
LINEAR LED FLEX SB	10W	N/A	92+		350lm	50mm	12*20mm	FLSB3	LINEAR
LINEAR LED FLEX NANO RGB SB	10W	N/A	N/A		130lm	62.50mm	6*12mm	FLNSBR3	LINEAR
LINEAR LED FLEX RGBW SB	15W	N/A	N/A		310lm + 135lm	62.50mm	12*20mm	FLSBY5	LINEAR
LINEAR LED FLEX ULTRA RUN TV	10W	N/A	92+		590lm	50mm	16*15mm	FLO3C	LINEAR
LINEAR LED FLEX ULTRA RUN RGB TV	11W	N/A	N/A		320lm	62.50mm	16*15mm	FLOR3C	LINEAR
LINEAR LED FLEX ULTRA RUN SB	10W	N/A	92+		350lm	50mm	12*20mm	FLSB3C	LINEAR
LINEAR LED FLEX ULTRA RUN RGB SB	11W	N/A	N/A		210lm	62.50mm	12*20mm	FLSBR3C	LINEAR

## LED DRIVER CHART | NON DIMMABLE (W) / MAINS DIMMABLE (W)

At fossLED we offer a comprehensive range of LED Drivers to suit a variety of installation requirements. The below LED Driver chart is to help guide you to find the correct driver based on your choice of LED product and the length in metres you wish to run. Please note this table illustrates options on our standard and Mains dimmable driver ranges only, please contact us if you require assistance with DALI & LINEAR driver ranges.

The max strip run column dictates the maximum length we recommend you run each specific model before being affected by voltage drop and light loss. All columns summarise metre lengths and the corresponding driver wattages from the fossLED Drivers range we recommend in Non dimmable | **Mains Dimmable** in bold.

Max Strip Run	2m Run	3m Run	4m Run	5m Run	6m Run	7m Run	8m Run	9m Run	10m Run	11m Run	12m Run	13m Run	15m Run	20m Run	25m Run
13m	12  <b>25</b>	20  <b>25</b>	30  <b>25</b>	30  <b>40</b>	45  <b>40</b>	45  <b>50</b>	60  <b>50</b>	60  <b>75</b>	60  <b>75</b>	100  <b>75</b>	100  <b>75</b>	100  <b>75</b>	N/A	N/A	N/A
13m	12  <b>25</b>	20  <b>25</b>	30  <b>25</b>	30  <b>40</b>	45  <b>40</b>	45  <b>50</b>	60  <b>50</b>	60  <b>75</b>	60  <b>75</b>	100  <b>75</b>	100  <b>75</b>	100  <b>75</b>	N/A	N/A	N/A
12m	30  <b>25</b>	45  <b>40</b>	60  <b>50</b>	60  <b>75</b>	100  <b>75</b>	100  <b>100</b>	100  <b>100</b>	150  <b>150</b>	150  <b>150</b>	150  <b>150</b>	150  <b>150</b>	N/A	N/A	N/A	N/A
12m	30  <b>40</b>	45  <b>50</b>	60  <b>75</b>	100  <b>75</b>	100  <b>100</b>	100  <b>100</b>	150  <b>150</b>	150  <b>150</b>	150  <b>150</b>	200  <b>200</b>	200  <b>200</b>	N/A	N/A	N/A	N/A
12m	45  <b>40</b>	60  <b>75</b>	100  <b>75</b>	100  <b>100</b>	150  <b>150</b>	150  <b>150</b>	150  <b>150</b>	200  <b>200</b>	200  <b>200</b>	200  <b>200</b>	240  <b>300</b>	N/A	N/A	N/A	N/A
10m	60  <b>50</b>	100  <b>75</b>	100  <b>100</b>	150  <b>150</b>	150  <b>150</b>	200  <b>200</b>	200  <b>200</b>	240  <b>300</b>	240  <b>300</b>	N/A	N/A	N/A	N/A	N/A	N/A
12m	12  <b>25</b>	20  <b>25</b>	30  <b>25</b>	30  <b>40</b>	45  <b>40</b>	45  <b>50</b>	60  <b>50</b>	60  <b>75</b>	60  <b>75</b>	100  <b>75</b>	100  <b>75</b>	N/A	N/A	N/A	N/A
12m	30  <b>25</b>	45  <b>40</b>	60  <b>50</b>	60  <b>75</b>	100  <b>75</b>	100  <b>100</b>	100  <b>100</b>	150  <b>150</b>	150  <b>150</b>	150  <b>150</b>	150  <b>150</b>	N/A	N/A	N/A	N/A
11m	45  <b>40</b>	60  <b>75</b>	100  <b>75</b>	100  <b>100</b>	150  <b>150</b>	150  <b>150</b>	150  <b>150</b>	200  <b>200</b>	200  <b>200</b>	200  <b>200</b>	N/A	N/A	N/A	N/A	N/A
10m	60  <b>50</b>	100  <b>75</b>	100  <b>100</b>	150  <b>150</b>	150  <b>150</b>	200  <b>200</b>	200  <b>200</b>	240  <b>300</b>	240  <b>300</b>	N/A	N/A	N/A	N/A	N/A	N/A
25m	12  <b>25</b>	20  <b>25</b>	30  <b>25</b>	30  <b>40</b>	45  <b>40</b>	45  <b>50</b>	60  <b>50</b>	60  <b>75</b>	60  <b>75</b>	100  <b>75</b>	100  <b>75</b>	100  <b>75</b>	100  <b>100</b>	150  <b>150</b>	150  <b>150</b>
20m	30  <b>25</b>	45  <b>40</b>	60  <b>50</b>	60  <b>75</b>	100  <b>75</b>	100  <b>100</b>	100  <b>100</b>	150  <b>150</b>	150  <b>150</b>	150  <b>150</b>	150  <b>150</b>	150  <b>150</b>	200  <b>200</b>	240  <b>300</b>	N/A
12m	20	30	45	60	60	100	100	100	100	150	150	N/A	N/A	N/A	N/A
12m	30  <b>25</b>	45  <b>40</b>	60  <b>50</b>	60  <b>75</b>	100  <b>75</b>	100  <b>100</b>	100  <b>100</b>	150  <b>150</b>	150  <b>150</b>	150  <b>150</b>	150  <b>150</b>	N/A	N/A	N/A	N/A
13m	12  <b>25</b>	20  <b>25</b>	30  <b>25</b>	30  <b>40</b>	45  <b>40</b>	45  <b>50</b>	60  <b>50</b>	60  <b>75</b>	60  <b>75</b>	100  <b>75</b>	100  <b>75</b>	100  <b>75</b>	N/A	N/A	N/A
12m	30	45	45	60	100	100	100	100	150	150	150	N/A	N/A	N/A	N/A
12m	30  <b>25</b>	45  <b>40</b>	60  <b>50</b>	60  <b>75</b>	100  <b>75</b>	100  <b>100</b>	100  <b>100</b>	150  <b>150</b>	150  <b>150</b>	150  <b>150</b>	150  <b>150</b>	N/A	N/A	N/A	N/A
10m	60	100	100	150	150	200	200	240	240	N/A	N/A	N/A	N/A	N/A	N/A
5m	60  <b>75</b>	100  <b>100</b>	100  <b>100</b>	150  <b>150</b>	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
5m	60  <b>75</b>	100  <b>100</b>	100  <b>100</b>	150  <b>150</b>	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
8m	60  <b>75</b>	100  <b>100</b>	150  <b>150</b>	150  <b>150</b>	200  <b>200</b>	200  <b>200</b>	240  <b>300</b>	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
8m	60  <b>75</b>	100  <b>100</b>	150  <b>150</b>	150  <b>150</b>	200  <b>200</b>	200  <b>200</b>	240  <b>300</b>	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
12m	30	45	60	60	100	100	100	150	150	150	150	N/A	N/A	N/A	N/A
10m	60	100	100	150	150	200	200	240	240	N/A	N/A	N/A	N/A	N/A	N/A
12m	30	45	45	60	100	100	100	100	150	150	150	N/A	N/A	N/A	N/A
12m	30	45	60	100	100	100	150	150	150	200	200	N/A	N/A	N/A	N/A
10m	30	45	60	100	100	100	150	150	150	N/A	N/A	N/A	N/A	N/A	N/A
8m	60	100	150	150	200	200	240	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10m	60	100	100	150	150	200	200	240	240	N/A	N/A	N/A	N/A	N/A	N/A
8m	100	150	150	200	240	320	320	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
12m	30  <b>25</b>	45  <b>40</b>	60  <b>50</b>	60  <b>75</b>	100  <b>75</b>	100  <b>100</b>	100  <b>100</b>	150  <b>150</b>	150  <b>150</b>	150  <b>150</b>	150  <b>150</b>	N/A	N/A	N/A	N/A
12m	45  <b>40</b>	60  <b>75</b>	100  <b>75</b>	100  <b>100</b>	150  <b>150</b>	150  <b>150</b>	150  <b>150</b>	200  <b>200</b>	200  <b>200</b>	200  <b>200</b>	240  <b>300</b>	N/A	N/A	N/A	N/A
10m	30	45	60	100	100	100	150	150	150	N/A	N/A	N/A	N/A	N/A	N/A
10m	45	60	100	100	150	150	150	200	200	N/A	N/A	N/A	N/A	N/A	N/A
12m	30  <b>25</b>	45  <b>40</b>	60  <b>50</b>	60  <b>75</b>	100  <b>75</b>	100  <b>100</b>	100  <b>100</b>	150  <b>150</b>	150  <b>150</b>	150  <b>150</b>	150  <b>150</b>	N/A	N/A	N/A	N/A
12m	30  <b>25</b>	45  <b>40</b>	60  <b>50</b>	60  <b>75</b>	100  <b>75</b>	100  <b>100</b>	100  <b>100</b>	150  <b>150</b>	150  <b>150</b>	150  <b>150</b>	150  <b>150</b>	N/A	N/A	N/A	N/A
10m	30	45	60	60	100	100	100	150	150	N/A	N/A	N/A	N/A	N/A	N/A
10m	45	60	100	100	150	150	150	200	200	N/A	N/A	N/A	N/A	N/A	N/A
20m	30  <b>25</b>	45  <b>40</b>	60  <b>50</b>	60  <b>75</b>	100  <b>75</b>	100  <b>100</b>	100  <b>100</b>	150  <b>150</b>	150  <b>150</b>	150  <b>150</b>	150  <b>150</b>	150  <b>150</b>	200  <b>200</b>	240  <b>300</b>	N/A
15m	30	45	60	60	100	100	100	150	150	150	150	150	200	N/A	N/A
20m	30  <b>25</b>	45  <b>40</b>	60  <b>50</b>	60  <b>75</b>	100  <b>75</b>	100  <b>100</b>	100  <b>100</b>	150  <b>150</b>	150  <b>150</b>	150  <b>150</b>	150  <b>150</b>	150  <b>150</b>	200  <b>200</b>	240  <b>300</b>	N/A
15m	30	45	60	60	100	100	100	150	150	150	150	150	200	N/A	N/A