

Star - LEDs

**3 - Flexible &
Rigid LED strips**

3

Contents:

3 - Flexible LED Strips & Rigid LED Bars

• TLF10WKLDLT (3200 °K White Ledtech)	Pag. 05
• TLF10WKLIT (3200 °K White Lite-On)	Pag. 05
• TLF10WKFLDT (4200 °K White Ledtech)	Pag. 05
• TLF10WLDT (White 5800 °K Ledtech)	Pag. 05
• TLF10WLIT (White 5800 °K Lite-On)	Pag. 05
• TLF10WOSR (White 5800 °K Osram)	Pag. 05
• TLF10GLDT (Green Ledtech)	Pag. 05
• TLF10BLDT (Blue Ledtech)	Pag. 05
• TLF10ROSR (Red Osram)	Pag. 05
• TLF10OLDT (Orange Ledtech)	Pag. 05
• TLR20WKLDLT (White 3200 °K Ledtech)	Pag. 06
• TLR20WKLIT (White 3200 °K Lite-On)	Pag. 06
• TLR20WKFLDT (White 4200 °K Ledtech)	Pag. 06
• TLR20WLDT (White 5800 °K Ledtech)	Pag. 06
• TLR20WLIT (White 5800 °K Lite-On)	Pag. 06
• TLR20WOSR (White 5800 °K Osram)	Pag. 06
• TLR20GLDT (Green Ledtech)	Pag. 06
• TLR20BLDT (Blue Ledtech)	Pag. 06
• TLR20ROSR (Red Osram)	Pag. 06
• TLR20OOSR (Orange Osram)	Pag. 06
• 90LF10WOSR (White Osram 90°)	Pag. 07
• 90LF10GOSR (Green Osram 90°)	Pag. 07
• 90LF10BOSR (Blue Osram 90°)	Pag. 07
• 90LF10ROSR (Red Osram 90°)	Pag. 07
• 90LF10OOSR (Orange Osram 90°)	Pag. 07
• 5LF40WKLDLT (White 3200 °K Ledtech)	Pag. 08
• 5LF40WKFLDT (White 4200 °K Ledtech)	Pag. 08
• 5LF40WLDT (White 5800 °K Ledtech)	Pag. 08
• 5LR20WKLDLT (White 3200 °K Ledtech)	Pag. 08
• 5LR20WKFLDT (White 4200 °K Ledtech)	Pag. 08
• 5LR20WLDT (White 5800 °K Ledtech)	Pag. 08
• TLF20RGBOSR (RGB Osram Flexible)	Pag. 09
• TLR20RGBOSR (RGB Osram Rigid)	Pag. 09
• 5LF40RGBLDLT (RGB Ledtech Flexible)	Pag. 09
• 5LR20RGBLDLT (RGB Ledtech Rigid)	Pag. 09



3. Monochromatic flexible LED strips

Technical characteristics

- Produced with 35 μ copper on flexible 50 μ Kapton.
- Easy to assemble and to connect.
- Strip length according to customers' requests.

Operating temperature: -5 +50 °C

Storage temperature: -10 +70 °C

Cod.	LED colour	LED (Model)	N. of LEDs (metre)	LED distance	Length x width	Input voltage	A (metre)	W (metre)	Max. capacity (metres)	Emission angle	Brightness
White 3200 °K flexible LED strips											
TLF10WKLDLT	White 3200 °K	Ledtech	10	100.0 mm	500x8.50 mm	24 V DC	0.06 A	1.4 W	30 m	120°	400-600 mcd (x:0.30 y:0.32)
TLF20WKLDLT	White 3200 °K	Ledtech	20	50.0 mm	500x8.50 mm	24 V DC	0.12 A	2.6 W	20 m	120°	400-600 mcd (x:0.30 y:0.32)
TLF30WKLDLT	White 3200 °K	Ledtech	30	33.3 mm	500x8.50 mm	24 V DC	0.17 A	4.0 W	8 m	120°	400-600 mcd (x:0.30 y:0.32)
TLF40WKLDLT	White 3200 °K	Ledtech	40	25.0 mm	500x8.50 mm	24 V DC	0.23 A	5.4 W	6 m	120°	400-600 mcd (x:0.30 y:0.32)
TLF50WKLDLT	White 3200 °K	Ledtech	50	20.0 mm	500x8.50 mm	24 V DC	0.28 A	6.7 W	4 m	120°	400-600 mcd (x:0.30 y:0.32)
TLF100WKLDLT	White 3200 °K	Ledtech	100	10.0 mm	500x20.0 mm	24 V DC	0.56 A	13.4 W	2 m	120°	400-600 mcd (x:0.30 y:0.32)
TLF10WKLIT	White 3200 °K	Lite-On	10	100.0 mm	500x8.50 mm	24 V DC	0.06 A	1.4 W	30 m	120°	400-600 mcd (x:0.30 y:0.32)
TLF20WKLIT	White 3200 °K	Lite-On	20	50.0 mm	500x8.50 mm	24 V DC	0.12 A	2.6 W	20 m	120°	400-600 mcd (x:0.30 y:0.32)
TLF30WKLIT	White 3200 °K	Lite-On	30	33.3 mm	500x8.50 mm	24 V DC	0.17 A	4.0 W	8 m	120°	400-600 mcd (x:0.30 y:0.32)
TLF40WKLIT	White 3200 °K	Lite-On	40	25.0 mm	500x8.50 mm	24 V DC	0.23 A	5.4 W	6 m	120°	400-600 mcd (x:0.30 y:0.32)
TLF50WKLIT	White 3200 °K	Lite-On	50	20.0 mm	500x8.50 mm	24 V DC	0.28 A	6.7 W	4 m	120°	400-600 mcd (x:0.30 y:0.32)
TLF100WKLIT	White 3200 °K	Lite-On	100	10.0 mm	500x20.0 mm	24 V DC	0.56 A	13.4 W	2 m	120°	400-600 mcd (x:0.30 y:0.32)
White 4200 °K flexible LED strips											
TLF10WKFLDT	White 4200 °K	Ledtech	10	100.0 mm	500x8.50 mm	24 V DC	0.06 A	1.4 W	30 m	120°	400-600 mcd (x:0.30 y:0.32)
TLF20WKFLDT	White 4200 °K	Ledtech	20	50.0 mm	500x8.50 mm	24 V DC	0.12 A	2.6 W	20 m	120°	400-600 mcd (x:0.30 y:0.32)
TLF30WKFLDT	White 4200 °K	Ledtech	30	33.3 mm	500x8.50 mm	24 V DC	0.17 A	4.0 W	8 m	120°	400-600 mcd (x:0.30 y:0.32)
TLF40WKFLDT	White 4200 °K	Ledtech	40	25.0 mm	500x8.50 mm	24 V DC	0.23 A	5.4 W	6 m	120°	400-600 mcd (x:0.30 y:0.32)
TLF50WKFLDT	White 4200 °K	Ledtech	50	20.0 mm	500x8.50 mm	24 V DC	0.28 A	6.7 W	4 m	120°	400-600 mcd (x:0.30 y:0.32)
TLF100WKFLDT	White 4200 °K	Ledtech	100	10.0 mm	500x20.0 mm	24 V DC	0.56 A	13.4 W	2 m	120°	400-600 mcd (x:0.30 y:0.32)
White 5800 °K flexible LED strips											
TLF10WLDT	White 5800 °K	Ledtech	10	100.0 mm	500x8.50 mm	24 V DC	0.06 A	1.4 W	30 m	120°	400-600 mcd (x:0.30 y:0.32)
TLF20WLDT	White 5800 °K	Ledtech	20	50.0 mm	500x8.50 mm	24 V DC	0.12 A	2.6 W	20 m	120°	400-600 mcd (x:0.30 y:0.32)
TLF30WLDT	White 5800 °K	Ledtech	30	33.3 mm	500x8.50 mm	24 V DC	0.17 A	4.0 W	8 m	120°	400-600 mcd (x:0.30 y:0.32)
TLF40WLDT	White 5800 °K	Ledtech	40	25.0 mm	500x8.50 mm	24 V DC	0.23 A	5.4 W	6 m	120°	400-600 mcd (x:0.30 y:0.32)
TLF50WLDT	White 5800 °K	Ledtech	50	20.0 mm	500x8.50 mm	24 V DC	0.28 A	6.7 W	4 m	120°	400-600 mcd (x:0.30 y:0.32)
TLF100WLDT	White 5800 °K	Ledtech	100	10.0 mm	500x20.0 mm	24 V DC	0.56 A	13.4 W	2 m	120°	400-600 mcd (x:0.30 y:0.32)
TLF10WDLIT	White 5800 °K	Lite-On	10	100.0 mm	500x8.50 mm	24 V DC	0.06 A	1.4 W	30 m	120°	400-600 mcd (x:0.30 y:0.32)
TLF20WDLIT	White 5800 °K	Lite-On	20	50.0 mm	500x8.50 mm	24 V DC	0.12 A	2.6 W	20 m	120°	400-600 mcd (x:0.30 y:0.32)
TLF30WDLIT	White 5800 °K	Lite-On	30	33.3 mm	500x8.50 mm	24 V DC	0.17 A	4.0 W	8 m	120°	400-600 mcd (x:0.30 y:0.32)
TLF40WDLIT	White 5800 °K	Lite-On	40	25.0 mm	500x8.50 mm	24 V DC	0.23 A	5.4 W	6 m	120°	400-600 mcd (x:0.30 y:0.32)
TLF50WDLIT	White 5800 °K	Lite-On	50	20.0 mm	500x8.50 mm	24 V DC	0.28 A	6.7 W	4 m	120°	400-600 mcd (x:0.30 y:0.32)
TLF100WDLIT	White 5800 °K	Lite-On	100	10.0 mm	500x20.0 mm	24 V DC	0.56 A	13.4 W	2 m	120°	400-600 mcd (x:0.30 y:0.32)
TLF10WOSR	White 5800 °K	Osram	10	100 mm	500x8.50 mm	24 V DC	0.06 A	1.4 W	30 m	120°	400-600 mcd (x:0.30 y:0.32)
TLF20WOSR	White 5800 °K	Osram	20	50 mm	500x8.50 mm	24 V DC	0.12 A	2.6 W	20 m	120°	400-600 mcd (x:0.30 y:0.32)
TLF30WOSR	White 5800 °K	Osram	30	33.3 mm	500x8.50 mm	24 V DC	0.17 A	4.0 W	8 m	120°	400-600 mcd (x:0.30 y:0.32)
TLF40WOSR	White 5800 °K	Osram	40	25 mm	500x8.50 mm	24 V DC	0.23 A	5.4 W	6 m	120°	400-600 mcd (x:0.30 y:0.32)
TLF50WOSR	White 5800 °K	Osram	50	20 mm	500x8.50 mm	24 V DC	0.28 A	6.7 W	4 m	120°	400-600 mcd (x:0.30 y:0.32)
TLF100WOSR	White 5800 °K	Osram	100	10 mm	500x20.0 mm	24 V DC	0.56 A	13.4 W	2 m	120°	400-600 mcd (x:0.30 y:0.32)



3. Monochromatic flexible LED strips

Technical characteristics

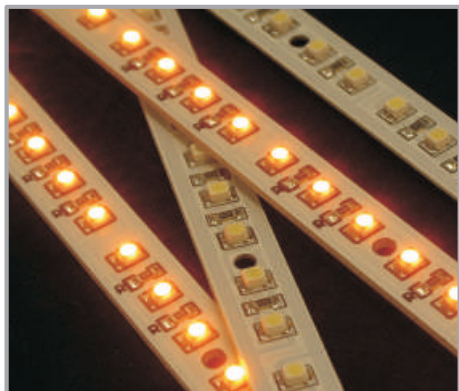
- Produced with 35 μ copper on flexible 50 μ Kapton.
- Easy to assemble and to connect.
- Strip length according to customers' requests.

Operating temperature: -5 +50 °C

Storage temperature: -10 +70 °C

Cod.	LED colour	LED (Model)	N. of LEDs (metre)	LED distance	Length x width	Input voltage	A (metre)	W (metre)	Max. capacity (metres)	Emission angle	Brightness
Green flexible LED strips											
TLF10GLDT	Green	Ledtech	10	100.0 mm	500x8.50 mm	24 V DC	0.06 A	1.4 W	30 m	120°	180-450 mcd (505 nm)
TLF20GLDT	Green	Ledtech	20	50.0 mm	500x8.50 mm	24 V DC	0.12 A	2.6 W	20 m	120°	180-450 mcd (505 nm)
TLF30GLDT	Green	Ledtech	30	33.3 mm	500x8.50 mm	24 V DC	0.17 A	4.0 W	8 m	120°	180-450 mcd (505 nm)
TLF40GLDT	Green	Ledtech	40	25.0 mm	500x8.50 mm	24 V DC	0.23 A	5.4 W	6 m	120°	180-450 mcd (505 nm)
TLF50GLDT	Green	Ledtech	50	20.0 mm	500x8.50 mm	24 V DC	0.28 A	6.7 W	4 m	120°	180-450 mcd (505 nm)
TLF100GLDT	Green	Ledtech	100	10.0 mm	500x20.0 mm	24 V DC	0.56 A	13.4 W	2 m	120°	180-450 mcd (505 nm)
Blue flexible LED strips											
TLF10BLDT	Blue	Ledtech	10	100.0 mm	500x8.50 mm	24 V DC	0.06 A	1.4 W	30 m	120°	56-140 mcd (470 nm)
TLF20BLDT	Blue	Ledtech	20	50.0 mm	500x8.50 mm	24 V DC	0.12 A	2.6 W	20 m	120°	56-140 mcd (470 nm)
TLF30BLDT	Blue	Ledtech	30	33.3 mm	500x8.50 mm	24 V DC	0.17 A	4.0 W	8 m	120°	56-140 mcd (470 nm)
TLF40BLDT	Blue	Ledtech	40	25.0 mm	500x8.50 mm	24 V DC	0.23 A	5.4 W	6 m	120°	56-140 mcd (470 nm)
TLF50BLDT	Blue	Ledtech	50	20.0 mm	500x8.50 mm	24 V DC	0.28 A	6.7 W	4 m	120°	56-140 mcd (470 nm)
TLF100BLDT	Blue	Ledtech	100	10.0 mm	500x20.0 mm	24 V DC	0.56 A	13.4 W	2 m	120°	56-140 mcd (470 nm)
Red flexible LED strips											
TLF10ROSR	Red	Osram	10	100.0 mm	500x8.50 mm	24 V DC	0.100 A	2.4 W	30 m	120°	180-450 mcd (633 nm)
TLF20ROSR	Red	Osram	20	50.0 mm	500x8.50 mm	24 V DC	0.200 A	4.6 W	20 m	120°	180-450 mcd (633 nm)
TLF30ROSR	Red	Osram	30	33.3 mm	500x8.50 mm	24 V DC	0.300 A	7.2 W	8 m	120°	180-450 mcd (633 nm)
TLF40ROSR	Red	Osram	40	25.0 mm	500x8.50 mm	24 V DC	0.400 A	9.6 W	6 m	120°	180-450 mcd (633 nm)
TLF50ROSR	Red	Osram	50	20.0 mm	500x8.50 mm	24 V DC	0.508 A	12.0 W	4 m	120°	180-450 mcd (633 nm)
TLF100ROSR	Red	Osram	100	10.0 mm	500x20.0 mm	24 V DC	0.100 A	24.0 W	2 m	120°	180-450 mcd (633 nm)
Orange flexible LED strips											
TLF10OLDT	Orange	Ledtech	10	100.0 mm	500x8.50 mm	24 V DC	0.10 A	2.4 W	20 m	120°	112-280 mcd (587 nm)
TLF20OLDT	Orange	Ledtech	20	50.0 mm	500x8.50 mm	24 V DC	0.20 A	4.8 W	10 m	120°	112-280 mcd (587 nm)
TLF30OLDT	Orange	Ledtech	30	33.3 mm	500x8.50 mm	24 V DC	0.30 A	7.2 W	6 m	120°	112-280 mcd (587 nm)
TLF40OLDT	Orange	Ledtech	40	25.0 mm	500x8.50 mm	24 V DC	0.40 A	9.6 W	5 m	120°	112-280 mcd (587 nm)
TLF50OLDT	Orange	Ledtech	50	20.0 mm	500x8.50 mm	24 V DC	0.50 A	12.0 W	3 m	120°	112-280 mcd (587 nm)
TLF100OLDT	Orange	Ledtech	100	10.0 mm	500x20.0 mm	24 V DC	1.00 A	24.0 W	2 m	120°	112-280 mcd (587 nm)





3. Monochromatic rigid LED bars

Technical characteristics

- 35 μ copper based product on 1.5 mm rigid glass fibre reinforced plastic.
- Easy to assemble and to connect.
- Strip length according to customers' requests.

Operating temperature: -5 +50 °C

Storage temperature: -10 +70 °C

Cod.	LED colour	LED (Model)	N. of LEDs (500 mm)	LED distance	Length x width	Input voltage	A (500 mm)	W (500 mm)	Max. capacity (metres)	Emission angle	Brightness
White 3200 °K rigid LED strips											
TLR20WKLDT	White 3200 °K	Ledtech	20	25 mm	500x12 mm	24 V DC	0.100 A	2.4 W	12 m	120°	400-600 mcd (x:0.30 y:0.32)
TLR25WKLDT	White 3200 °K	Ledtech	25	20 mm	500x12 mm	24 V DC	0.125 A	3.0 W	10 m	120°	400-600 mcd (x:0.30 y:0.32)
TLR50WKLDT	White 3200 °K	Ledtech	50	10 mm	500x12 mm	24 V DC	0.250 A	6.0 W	5 m	120°	400-600 mcd (x:0.30 y:0.32)
TLR20WKLIT	White 3200 °K	Lite-On	20	25 mm	500x12 mm	24 V DC	0.100 A	2.4 W	12 m	120°	400-600 mcd (x:0.30 y:0.32)
TLR25WKLIT	White 3200 °K	Lite-On	25	20 mm	500x12 mm	24 V DC	0.125 A	3.0 W	10 m	120°	400-600 mcd (x:0.30 y:0.32)
TLR50WKLIT	White 3200 °K	Lite-On	50	10 mm	500x12 mm	24 V DC	0.250 A	6.0 W	5 m	120°	400-600 mcd (x:0.30 y:0.32)
White 4200 °K rigid LED strips											
TLR20WKFLDT	White 4200 °K	Ledtech	20	25 mm	500x12 mm	24 V DC	0.100 A	2.4 W	12 m	120°	700-1000 mcd (x:0.30 y:0.31)
TLR25WKFLDT	White 4200 °K	Ledtech	25	20 mm	500x12 mm	24 V DC	0.125 A	3.0 W	10 m	120°	700-1000 mcd (x:0.30 y:0.31)
TLR50WKFLDT	White 4200 °K	Ledtech	50	10 mm	500x12 mm	24 V DC	0.250 A	6.0 W	5 m	120°	700-1000 mcd (x:0.30 y:0.31)
White 5800 °K rigid LED strips											
TLR20WLDT	White 5800 °K	Ledtech	20	25 mm	500x12 mm	24 V DC	0.100 A	2.4 W	12 m	120°	700-1000 mcd (x:0.30 y:0.31)
TLR25WLDT	White 5800 °K	Ledtech	25	20 mm	500x12 mm	24 V DC	0.125 A	3.0 W	10 m	120°	700-1000 mcd (x:0.30 y:0.31)
TLR50WLDT	White 5800 °K	Ledtech	50	10 mm	500x12 mm	24 V DC	0.250 A	6.0 W	5 m	120°	700-1000 mcd (x:0.30 y:0.31)
TLR20WLIT	White 5800 °K	Lite-On	20	25 mm	500x12 mm	24 V DC	0.100 A	2.4 W	12 m	120°	700-1000 mcd (x:0.30 y:0.31)
TLR25WLIT	White 5800 °K	Lite-On	25	20 mm	500x12 mm	24 V DC	0.125 A	3.0 W	10 m	120°	700-1000 mcd (x:0.30 y:0.31)
TLR50WLIT	White 5800 °K	Lite-On	50	10 mm	500x12 mm	24 V DC	0.250 A	6.0 W	5 m	120°	700-1000 mcd (x:0.30 y:0.31)
TLR20WOSR	White 5800 °K	Osram	20	25 mm	500x12 mm	24 V DC	0.100 A	2.4 W	12 m	120°	700-1000 mcd (x:0.30 y:0.31)
TLR25WOSR	White 5800 °K	Osram	25	20 mm	500x12 mm	24 V DC	0.125 A	3.0 W	10 m	120°	700-1000 mcd (x:0.30 y:0.31)
TLR50WOSR	White 5800 °K	Osram	50	10 mm	500x12 mm	24 V DC	0.250 A	6.0 W	5 m	120°	700-1000 mcd (x:0.30 y:0.31)
Green rigid LED strips											
TLR20GLDT	Green	Ledtech	20	25 mm	500x12 mm	24 V DC	0.100 A	2.4 W	12 m	120°	400-600 mcd (505 nm)
TLR25GLDT	Green	Ledtech	25	20 mm	500x12 mm	24 V DC	0.125 A	3.0 W	10 m	120°	400-600 mcd (505 nm)
TLR50GLDT	Green	Ledtech	50	10 mm	500x12 mm	24 V DC	0.250 A	6.0 W	5 m	120°	400-600 mcd (505 nm)
Blue rigid LED strips											
TLR20BLDT	Blue	Ledtech	20	25 mm	500x12 mm	24 V DC	0.100 A	2.4 W	12 m	120°	50-140 mcd (470 nm)
TLR25BLDT	Blue	Ledtech	25	20 mm	500x12 mm	24 V DC	0.125 A	3.0 W	10 m	120°	50-140 mcd (470 nm)
TLR50BLDT	Blue	Ledtech	50	10 mm	500x12 mm	24 V DC	0.250 A	6.0 W	5 m	120°	50-140 mcd (470 nm)
Red rigid LED strips											
TLR20ROSR	Red	Osram	20	25 mm	500x12 mm	24 V DC	0.20 A	4.8 W	7 m	120°	180-450 mcd (633 nm)
TLR25ROSR	Red	Osram	25	20 mm	500x12 mm	24 V DC	0.25 A	6.0 W	6 m	120°	180-450 mcd (633 nm)
TLR50ROSR	Red	Osram	50	10 mm	500x12 mm	24 V DC	0.50 A	12.0 W	3 m	120°	180-450 mcd (633 nm)
Orange rigid LED strips											
TLR20OOSR	Orange	Osram	20	25 mm	500x12 mm	24 V DC	0.100 A	4.8 W	7 m	120°	112-280 mcd (587 nm)
TLR25OOSR	Orange	Osram	25	20 mm	500x12 mm	24 V DC	0.125 A	6.0 W	6 m	120°	112-280 mcd (587 nm)
TLR50OOSR	Orange	Osram	50	10 mm	500x12 mm	24 V DC	0.250 A	12.0 W	3 m	120°	112-280 mcd (587 nm)



3. Monochromatic flexible LED strips 90°

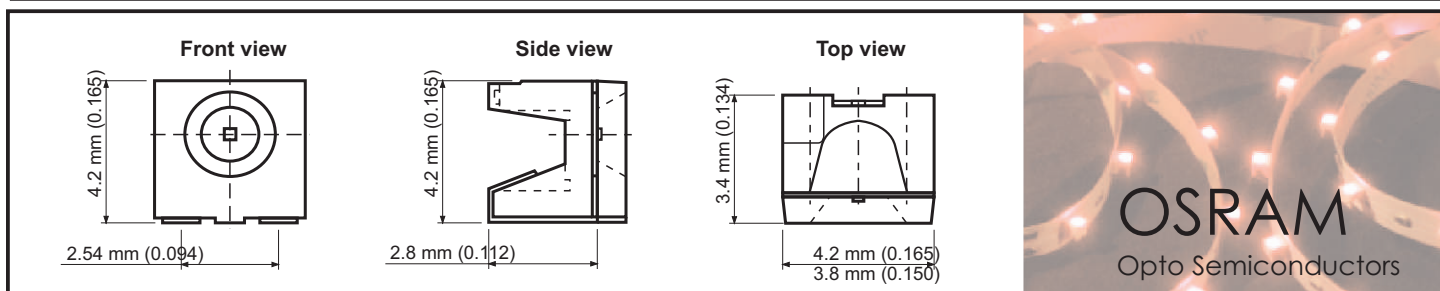
Technical characteristics

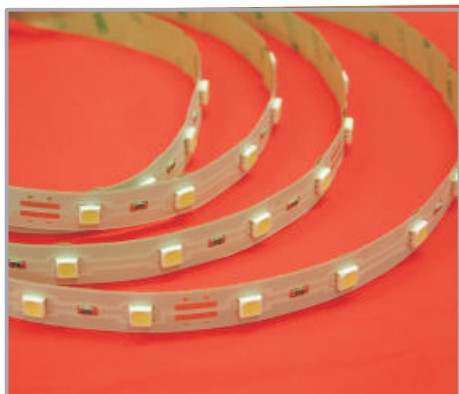
- Produced with 35 μ copper on flexible 50 μ Kapton.
- Easy to assemble and to connect.
- Strip length according to customers' requests.

Operating temperature: -5 +50 °C

Storage temperature: -10 +70 °C

Cod.	LED colour	LED (Model)	N. of LEDs (metre)	LED distance	Length x width	Input voltage	A (metre)	W (metre)	Max. capacity (metres)	Emission angle	Brightness
White LED strips 90°											
90LF10WOSR	White	Osram	10	100.0 mm	500x8.50 mm	24 V DC	0.045 A	1.08 W	30 m	120°	400-600 mcd (x:0.30 y:0.30)
90LF20WOSR	White	Osram	20	50.0 mm	500x8.50 mm	24 V DC	0.090 A	2.16 W	20 m	120°	400-600 mcd (x:0.30 y:0.30)
90LF30WOSR	White	Osram	30	33.3 mm	500x8.50 mm	24 V DC	0.135 A	3.24 W	8 m	120°	400-600 mcd (x:0.30 y:0.30)
90LF40WOSR	White	Osram	40	25.0 mm	500x8.50 mm	24 V DC	0.180 A	4.32 W	6 m	120°	400-600 mcd (x:0.30 y:0.30)
90LF50WOSR	White	Osram	50	20.0 mm	500x8.50 mm	24 V DC	0.350 A	5.40 W	4 m	120°	400-600 mcd (x:0.30 y:0.30)
90LF100WOSR	White	Osram	100	10.0 mm	500x20.0 mm	24 V DC	0.700 A	10.80 W	2 m	120°	400-600 mcd (x:0.30 y:0.30)
Green LED strips 90°											
90LF10GOSR	Green	Osram	10	100.0 mm	500x8.50 mm	24 V DC	0.08 A	1.92 W	30 m	120°	180-450 mcd (500 nm)
90LF20GOSR	Green	Osram	20	50.0 mm	500x8.50 mm	24 V DC	0.16 A	3.84 W	20 m	120°	180-450 mcd (500 nm)
90LF30GOSR	Green	Osram	30	33.3 mm	500x8.50 mm	24 V DC	0.24 A	5.76 W	8 m	120°	180-450 mcd (500 nm)
90LF40GOSR	Green	Osram	40	25.0 mm	500x8.50 mm	24 V DC	0.32 A	7.69 W	6 m	120°	180-450 mcd (500 nm)
90LF50GOSR	Green	Osram	50	20.0 mm	500x8.50 mm	24 V DC	0.40 A	9.60 W	4 m	120°	180-450 mcd (500 nm)
90LF100GOSR	Green	Osram	100	10.0 mm	500x20.0 mm	24 V DC	0.80 A	19.20 W	2 m	120°	180-450 mcd (500 nm)
Blue LED strips 90°											
90LF10BOSR	Blue	Osram	10	100.0 mm	500x8.50 mm	24 V DC	0.035 A	0.84 W	30 m	120°	56-140 mcd (470 nm)
90LF20BOSR	Blue	Osram	20	50.0 mm	500x8.50 mm	24 V DC	0.070 A	1.68 W	20 m	120°	56-140 mcd (470 nm)
90LF30BOSR	Blue	Osram	30	33.3 mm	500x8.50 mm	24 V DC	0.105 A	2.52 W	8 m	120°	56-140 mcd (470 nm)
90LF40BOSR	Blue	Osram	40	25.0 mm	500x8.50 mm	24 V DC	0.140 A	3.36 W	6 m	120°	56-140 mcd (470 nm)
90LF50BOSR	Blue	Osram	50	20.0 mm	500x8.50 mm	24 V DC	0.175 A	4.20 W	4 m	120°	56-140 mcd (470 nm)
90LF100BOSR	Blue	Osram	100	10.0 mm	500x20.0 mm	24 V DC	0.350 A	8.40 W	2 m	120°	56-140 mcd (470 nm)
Red LED strips 90°											
90LF10ROSR	Red	Osram	10	100.0 mm	500x8.50 mm	24 V DC	0.07 A	1.68 W	30 m	120°	180-450 mcd (633 nm)
90LF20ROSR	Red	Osram	20	50.0 mm	500x8.50 mm	24 V DC	0.14 A	3.36 W	20 m	120°	180-450 mcd (633 nm)
90LF30ROSR	Red	Osram	30	33.3 mm	500x8.50 mm	24 V DC	0.21 A	5.04 W	8 m	120°	180-450 mcd (633 nm)
90LF40ROSR	Red	Osram	40	25.0 mm	500x8.50 mm	24 V DC	0.28 A	6.72 W	6 m	120°	180-450 mcd (633 nm)
90LF50ROSR	Red	Osram	50	20.0 mm	500x8.50 mm	24 V DC	0.35 A	8.40 W	4 m	120°	180-450 mcd (633 nm)
90LF100ROSR	Red	Osram	100	10.0 mm	500x20.0 mm	24 V DC	0.70 A	16.80 W	2 m	120°	180-450 mcd (633 nm)
Orange LED strips 90°											
90LF10OOSR	Orange	Osram	10	100.0 mm	500x8.50 mm	24 V DC	0.095 A	2.28 W	30 m	120°	112-280 mcd (587 nm)
90LF20OOSR	Orange	Osram	20	50.0 mm	500x8.50 mm	24 V DC	0.190 A	4.56 W	20 m	120°	112-280 mcd (587 nm)
90LF30OOSR	Orange	Osram	30	33.3 mm	500x8.50 mm	24 V DC	0.285 A	6.84 W	8 m	120°	112-280 mcd (587 nm)
90LF40OOSR	Orange	Osram	40	25.0 mm	500x8.50 mm	24 V DC	0.380 A	9.12 W	6 m	120°	112-280 mcd (587 nm)
90LF50OOSR	Orange	Osram	50	20.0 mm	500x8.50 mm	24 V DC	0.475 A	11.40 W	4 m	120°	112-280 mcd (587 nm)
90LF100OOSR	Orange	Osram	100	10.0 mm	500x20.0 mm	24 V DC	0.950 A	22.80 W	2 m	120°	112-280 mcd (587 nm)





3. Monochromatic flexible LED strips (5X5)

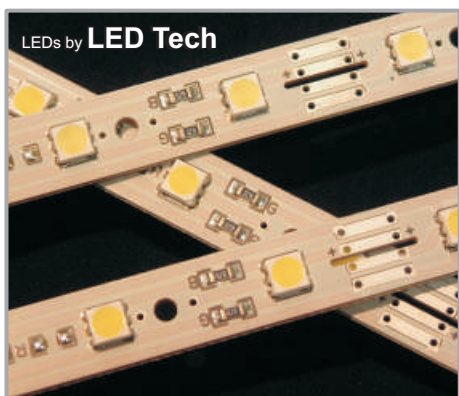
Technical characteristics

- Produced with 35 μ copper on flexible 50 μ Kapton.
- Easy to assemble and to connect.
- Strip length according to customers' requests.

Operating temperature: -5 +50 °C

Storage temperature: -10 +70 °C

Cod.	LED colour	LED (Model)	N. of LEDs (metre)	LED distance	Length x width	Input voltage	A (metre)	W (metre)	Max. capacity (metres)	Emission angle	Brightness
White 3200 °K flexible LED strip											
5LF40WKLDLT	White 3200 °K	Ledtech 5x5	40	25 mm	500x12 mm	24V DC	0.28 A	6.72 W	0 m	120°	400-600 mcd (x:0.30 y:0.32)
White 4200 °K flexible LED strip											
5LF40WKFLDT	White 4200 °K	Ledtech 5x5	40	25 mm	500x12 mm	24 V DC	0.28 A	6.72 W	0 m	120°	400-600 mcd (x:0.30 y:0.32)
White 5800 °K flexible LED strip											
5LF40WLDT	White 5800 °K	Ledtech 5x5	40	25 mm	500x12 mm	24 V DC	0.28 A	6.72 W	0 m	120°	400-600 mcd (x:0.30 y:0.32)



3. Monochromatic rigid LED bars (5X5)

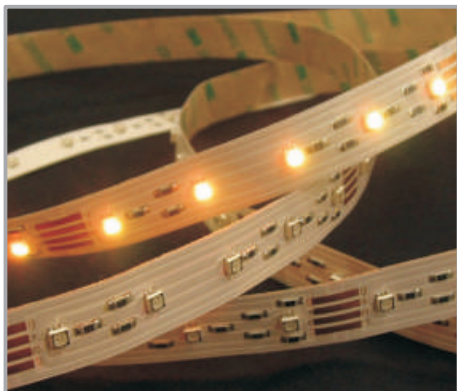
Technical characteristics

- 35 μ copper based product on 1.5 mm rigid glass fibre reinforced plastic.
- Easy to assemble and to connect.
- Strip length according to customers' requests.

Operating temperature: -5 +50 °C

Storage temperature: -10 +70 °C

Cod.	LED colour	LED (Model)	N. of LEDs (500 mm)	LED distance	Length x width	Input voltage	A (500 mm)	W (500 mm)	Max. capacity (metres)	Emission angle	Brightness
White 3200 °K rigid LED bars											
5LR20WKLDLT	White 3200 °K	Ledtech 5x5	20	25 mm	500x12 mm	24 V DC	0.140 A	3.36 W	12 m	120°	2.75 cd (x:0.30 y:0.32)
5LR25WKLDLT	White 3200 °K	Ledtech 5x5	25	20 mm	550x12 mm	24 V DC	0.175 A	4.20 W	10 m	120°	2.75 cd (x:0.30 y:0.32)
White 4200 °K rigid LED bars											
5LR20WKFLDT	White 4200 °K	Ledtech 5x5	20	25 mm	500x12 mm	24 V DC	0.140 A	3.36 W	12 m	120°	3.2 cd (x:0.30 y:0.32)
5LR25WKFLDT	White 4200 °K	Ledtech 5x5	25	20 mm	550x12 mm	24 V DC	0.175 A	4.20 W	10 m	120°	3.2 cd (x:0.30 y:0.32)
White 5800 °K rigid LED bars											
5LR20WLDT	White 5800 °K	Ledtech 5x5	20	25 mm	500x12 mm	24 V DC	0.140 A	3.36 W	12 m	120°	4.0 cd (x:0.30 y:0.31)
5LR25WLDT	White 5800 °K	Ledtech 5x5	25	20 mm	550x12 mm	24 V DC	0.175 A	4.20 W	10 m	120°	4.0 cd (x:0.30 y:0.31)



3. RGB flexible LED strips

Technical characteristics

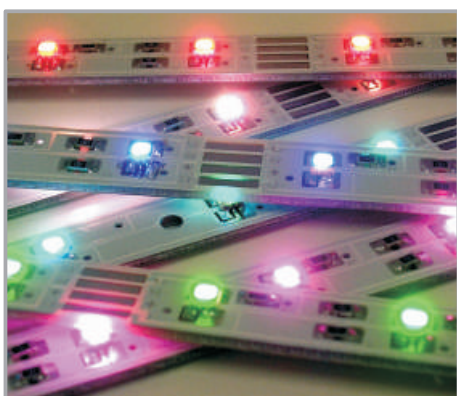
- Produced with 35 μ copper on flexible 50 μ Kapton.
- Easy to assemble and to connect.
- Strip length according to customers' requests.

Operating temperature: -5 +50 °C

Storage temperature: -10 +70 °C

Cod.	LED colour	LED (Model)	N. of LEDs (metre)	LED distance	Length x width	Input voltage	A (metre)	W (metre)	Emission angle	Max. capacity (metres)
Flexible RGB strip										
TLF20RGBOSR	RGB	Osram	20	50.0 mm	500x15 mm	24 V DC	0.30 A	7.2 W	120°	15 m
TLF30RGBOSR	RGB	Osram	30	33.3 mm	500x15 mm	24 V DC	0.45 A	10.8 W	120°	15 m
TLF40RGBOSR	RGB	Osram	40	25.0 mm	500x15 mm	24 V DC	0.60 A	14.5 W	120°	10 m
TLF50RGBOSR	RGB	Osram	50	20.0 mm	500x15 mm	24 V DC	0.74 A	18.0 W	120°	5 m
TLF70RGBOSR	RGB	Osram	70	14.3 mm	500x20 mm	24 V DC	1.05 A	25.20 W	120°	3 m
TLF100RGBOSR	RGB	Osram	100	10.0 mm	500x20 mm	24 V DC	1.48 A	36.00 W	120°	2.5 m

Model	Red brightness	Green brightness	Blue brightness	A red	A green	A blue.
RGB LED strip	180-450 mcd (617 nm)	450-1120 mcd (528 nm)	71-180 mcd (470 nm)	130 mA	120 mA	120 mA



3. RGB rigid LED bars

Technical characteristics

- 35 μ copper based product on 1.5 mm rigid glass-fibre reinforced plastic.
- Easy to assemble and to connect.
- Strip length according to customers' requests.

Operating temperature: -5 +50 °C

Storage temperature: -10 +70 °C

Cod.	LED colour	LED (Model)	N. of LEDs (500 mm)	LED distance	Length x width	Input voltage	A (500 mm)	W (500 mm)	Emission angle	Max. capacity (metres)
Rigid RGB bars										
TLR20RGBOSR	RGB	Osram	20	25 mm	500x12 mm	24 V DC	0.29 A	7.2 W	120°	12 m
TLR25RGBOSR	RGB	Osram	25	20 mm	500x12 mm	24 V DC	0.22 A	9.0 W	120°	10 m
TLR50RGBOSR	RGB	Osram	50	10 mm	500x12 mm	24 V DC	0.22 A	18.0 W	120°	5 m

Model	Red brightness	Green brightness	Blue brightness	A red	A green	A blue
RGB LED bar	180-450 mcd (617 nm)	450-1120 mcd (528 nm)	71-180 mcd (470 nm)	130 mA	120 mA	120 mA



3. RGB flexible LED strips (5x5)

Technical characteristics

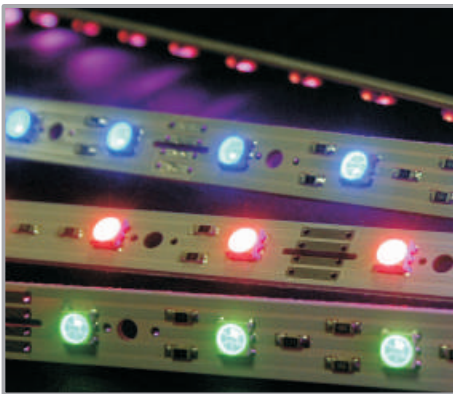
- Produced with 35 μ copper on flexible 50 μ Kapton.
- Easy to assemble and to connect.
- Strip length according to customers' requests.

Operating temperature: -5 +50 °C

Storage temperature: -10 +70 °C

Cod.	LED colour	LED (Model)	N. of LEDs (metre)	LED distance	Length x width	Input voltage	A (metre)	W (metre)	Emission angle	Max. capacity (metres)
Flexible RGB strips										
5LF40RGLDT	RGB	Ledtech 5x5	40	25 mm	500x18 mm	22 V DC	0.45 A	10.8 W	120°	6 m

Cod.	Red brightness	Green brightness	Blue brightness	A red	A green	A blue
5LF40RGLDT	180-450 mcd (617 nm)	450-1120 mcd (528 nm)	71-180 mcd (470 nm)	140 mA	140 mA	160 mA



3. RGB rigid LED bars (5x5)

Technical characteristics

- 35 μ copper based product on 1.5 mm rigid glass fibre reinforced plastic.
- Easy to assemble and to connect.
- Strip length according to customers' requests.

Operating temperature: -5 +50°C

Storage temperature: -10 +70°C

Cod.	LED colour	LED (Model)	N. of LEDs (500 mm)	LED distance	Length x width	Input voltage	A (500 mm)	W (500 mm)	Emission angle	Max. capacity (metres)
Rigid RGB bars										
5LR20RGLDT	RGB	Ledtech 5x5	20	25 mm	500x12 mm	22 V DC	0.45 A	10.8 W	120°	6 m
5LR25RGLDT	RGB	Ledtech 5x5	25	20 mm	500x12 mm	22 V DC	0.56 A	13.5 W	120°	5 m

Cod.	Red brightness	Green brightness	Blue brightness	A red	A green	A blue
5LR20RGLDT	180-450 mcd (617 nm)	450-1120 mcd (528 nm)	71-180 mcd (470 nm)	140 mA	140 mA	160 mA