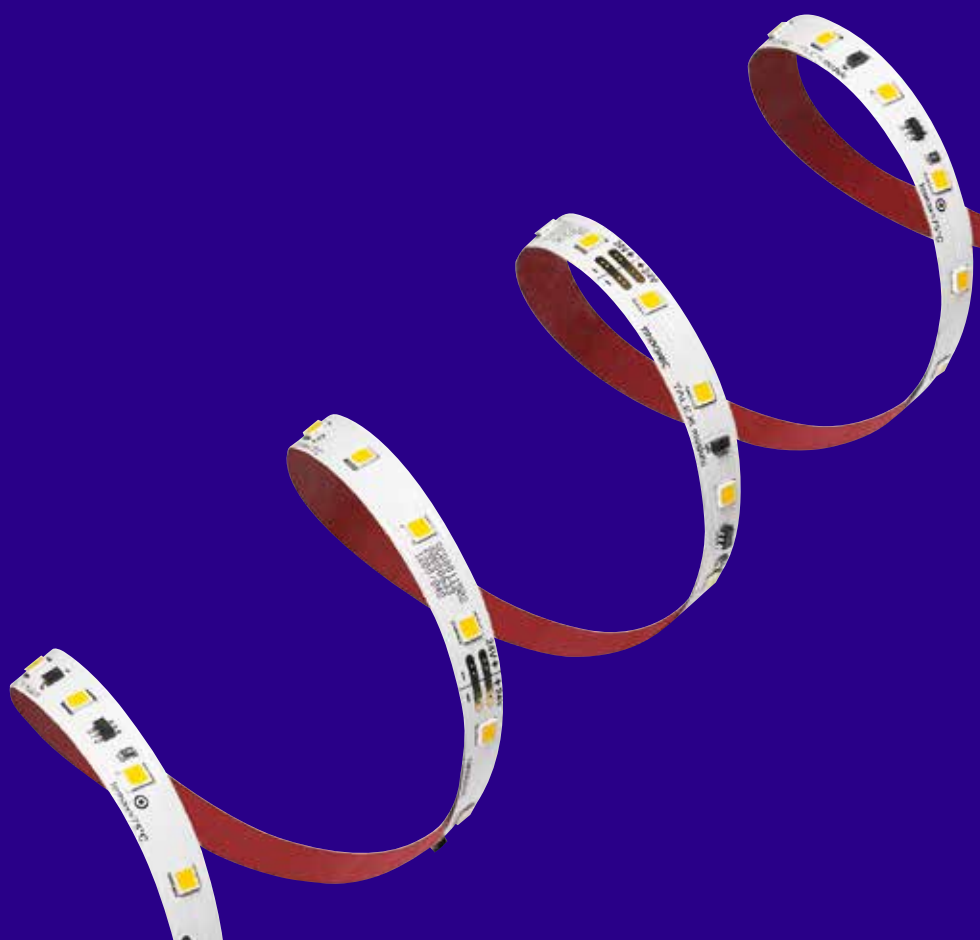


LED Module

Module LLE FLEX

Homogeneous light from the reel



TRIDONIC

Applications and Product Portfolio

Homogeneous light from the reel

Main applications

Cove lighting



- Including accent and indirect lighting
- For hotels, shops, guest rooms, etc.

General illumination



- For flexible applications
- For shops, commercial premises, etc.

Profile lighting



- Shelf and accent lighting
- Linear Furniture lighting



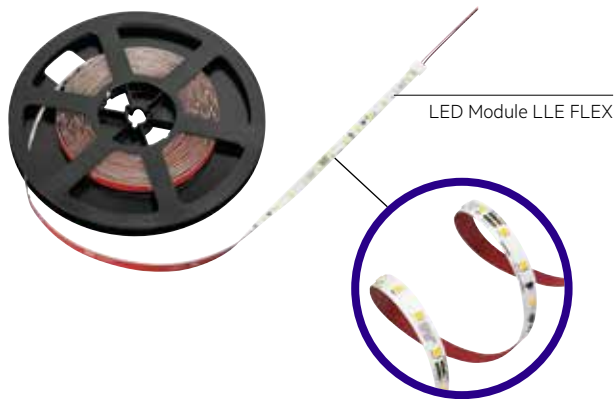
Feature	LLE FLEX ADV	LLE FLEX EXC Short-pitch
Dimensions (L x W x H)	4,800 x 8 x 2 mm	4,800 x 8 x 2 mm
Luminous flux	600 lm, 1,200 lm, 1,800 lm	600 lm, 1,200 lm, 1,800 lm, 2,500 lm
Colour temperature	2,700 K, 3,000 K, 4,000 K and 6,500 K with SDCM 3	2,700 K, 3,000 K, 4,000 K and 6,500 K with SDCM 3
Module efficiency	141 lm/W	120 lm/W
Colour rendering index	CRI >80	CRI >90
Cut options	<p>100 mm cut options</p>	<p>50 mm cut options</p>
Light point spacing	<p>14 mm Light point spacing</p>	<p>7 mm Light point spacing</p>

The extremely homogeneous LED module LLE FLEX continuous lighting strip can perform numerous different lighting tasks – from decorative indirect, cove or accent lighting to direct general lighting with light lines. It can also be used in profile lighting.

In combination with a constant-voltage LED Driver with an appropriate output – such as the LED Driver LCA 100W from Tridonic – LED module LLE FLEX is the perfect system solution.

Lighting solutions based on the fixed-output or dimmable LED strip can be very long indeed.

ADVANCED



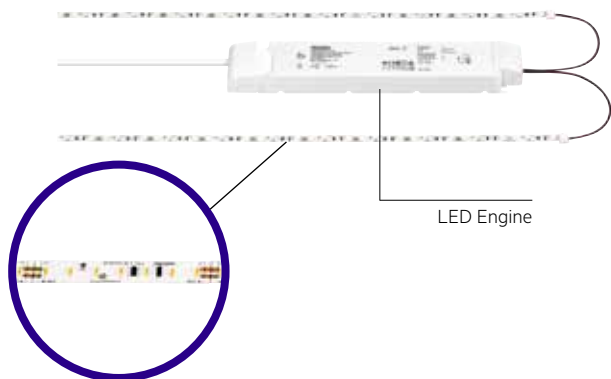
At a glance: Module LLE FLEX

- Linear LED strip on a flexible board
- Module efficiency of up to 141 lm/W (tp = 65 °C)
- Freedom of design thanks to 100 mm cut options
- Light point spacing of 14 mm for high homogeneous light
- Simple installation with 3M thermal adhesive tape on a wide range of surfaces
- PCB to PCB and cable to PCB connectors for simple connection; no tools required
- CRI >80
- Long lifetime of up to 50,000 hours
- 5-year guarantee

NEW	Type	Colour-temperature (K)	Mac Adam	Typ. luminous flux tp = 65 °C ¹⁾ (lm/m)	CRI	Typ. power consumption tp = 65 °C ¹⁾ (W/m)	Luminous efficacy of module tp = 65 °C (lm/W)	Order No.
	LLE FLEX G2 8x4800 4W-600lm/m 827 ADV	2,700	SDCM 3	520	> 80	3.8	136	28001832
	LLE FLEX G2 8x4800 4W-600lm/m 830 ADV	3,000	SDCM 3	520	> 80	3.8	136	28001900
	LLE FLEX G2 8x4800 4W-600lm/m 840 ADV	4,000	SDCM 3	520	> 80	3.8	136	28001901
	LLE FLEX G2 8x4800 4W-600lm/m 865 ADV	6,500	SDCM 3	520	> 80	3.8	136	28001902
	LLE FLEX G2 8x4800 8W-1200lm/m 827 ADV	2,700	SDCM 3	1,050	> 80	7.8	134	28001833
	LLE FLEX G2 8x4800 8W-1200lm/m 830 ADV	3,000	SDCM 3	1,050	> 80	7.8	134	28001903
	LLE FLEX G2 8x4800 7W-1200lm/m 840 ADV	4,000	SDCM 3	1,050	> 80	7.4	141	28001904
	LLE FLEX G2 8x4800 7W-1200lm/m 865 ADV	6,500	SDCM 3	1,050	> 80	7.4	141	28001905
	LLE FLEX G2 8x4800 12W-1800lm/m 827 ADV	2,700	SDCM 3	1,550	> 80	11.8	131	28001834
	LLE FLEX G2 8x4800 12W-1800lm/m 830 ADV	3,000	SDCM 3	1,550	> 80	11.8	131	28001906
	LLE FLEX G2 8x4800 11W-1800lm/m 840 ADV	4,000	SDCM 3	1,550	> 80	11.3	137	28001907
	LLE FLEX G2 8x4800 11W-1800lm/m 865 ADV	6,500	SDCM 3	1,550	> 80	11.3	137	28001908

¹⁾ Tolerances range for optical and electrical data: ±10 %. Values per 1m of LLE FLEX.

EXCITE Short-pitch



At a glance: Module LLE FLEX EXC Short-pitch

- Linear LED strip on a flexible board
- Light point spacing of 6–7 mm for extremely homogeneous light
- Module efficiency of up to 105 lm/W (tp = 65 °C)
- Great freedom of design thanks to 50 mm cut options
- Small spacings from the lighting strip to the diffuser are possible
- CRI >90
- Long lifetime of up to 50,000 hours
- 5-year guarantee

Type	Colour-temperature (K)	Mac Adam	Typ. luminous flux at tp = 65 °C ¹⁾ (lm/m)	Colour rendering index CRI	Typ. power consumption at tp = 65 °C ¹⁾ (W/m)	Luminous efficacy of module at tp = 65 °C (lm/W)	Order No.
LLE FLEX G1 8x4800 6W-600lm/m 927 EXC	2,700	SDCM 3	600	> 90	6.2	90	87500524
LLE FLEX G1 8x4800 6W-600lm/m 930 EXC	3,000	SDCM 3	600	> 90	6.2	90	87500525
LLE FLEX G1 8x4800 6W-600lm/m 940 EXC	4,000	SDCM 3	615	> 90	5.6	100	87500526
LLE FLEX G1 8x4800 6W-600lm/m 965 EXC	6,500	SDCM 3	615	> 90	5.6	100	87500527
LLE FLEX G1 8x4800 11W-1200lm/m 927 EXC	2,700	SDCM 3	1,190	> 90	11.2	96	87500528
LLE FLEX G1 8x4800 11W-1200lm/m 930 EXC	3,000	SDCM 3	1,190	> 90	11.2	96	87500529
LLE FLEX G1 8x4800 11W-1200lm/m 940 EXC	4,000	SDCM 3	1,220	> 90	10.8	105	87500530
LLE FLEX G1 8x4800 11W-1200lm/m 965 EXC	6,500	SDCM 3	1,220	> 90	10.8	105	87500531
LLE FLEX G1 8x4800 18W-1800lm/m 927 EXC	2,700	SDCM 3	1,770	> 90	18	90	87500532
LLE FLEX G1 8x4800 18W-1800lm/m 930 EXC	3,000	SDCM 3	1,770	> 90	18	90	87500533
LLE FLEX G1 8x4800 16W-1800lm/m 940 EXC	4,000	SDCM 3	1,780	> 90	15.8	103	87500534
LLE FLEX G1 8x4800 16W-1800lm/m 965 EXC	6,500	SDCM 3	1,780	> 90	15.8	103	87500535
LLE FLEX G1 8x4800 26W-2500lm/m 927 EXC	2,700	SDCM 3	2,470	> 90	26	85	87500536
LLE FLEX G1 8x4800 26W-2500lm/m 930 EXC	3,000	SDCM 3	2,470	> 90	26	85	87500537
LLE FLEX G1 8x4800 23W-2500lm/m 940 EXC	4,000	SDCM 3	2,440	> 90	22.6	99	87500538
LLE FLEX G1 8x4800 23W-2500lm/m 965 EXC	6,500	SDCM 3	2,440	> 90	22.6	99	87500539
LLE FLEX G1 8x48000 11W-1200lm/m 927 EXC	2,700	SDCM 3	1,190	> 90	11.2	96	87500540
LLE FLEX G1 8x48000 11W-1200lm/m 930 EXC	3,000	SDCM 3	1,190	> 90	11.2	96	87500541
LLE FLEX G1 8x48000 11W-1200lm/m 940 EXC	4,000	SDCM 3	1,220	> 90	10.8	105	87500542
LLE FLEX G1 8x48000 18W-1800lm/m 927 EXC	2,700	SDCM 3	1,770	> 90	18	90	87500556
LLE FLEX G1 8x48000 18W-1800lm/m 930 EXC	3,000	SDCM 3	1,770	> 90	18	90	87500557
LLE FLEX G1 8x48000 16W-1800lm/m 940 EXC	4,000	SDCM 3	1,780	> 90	15.8	103	87500558
LLE FLEX G1 8x48000 26W-2500lm/m 927 EXC	2,700	SDCM 3	2,470	> 90	26	85	87500543
LLE FLEX G1 8x48000 26W-2500lm/m 930 EXC	3,000	SDCM 3	2,470	> 90	26	85	87500544
LLE FLEX G1 8x48000 23W-2500lm/m 940 EXC	4,000	SDCM 3	2,440	> 90	22.6	99	87500545

¹⁾ Tolerances range for optical and electrical data: ±10%. Values per 1m of LLE FLEX.

System solution

The perfect 24 V system solution for flexible lighting strips

LCU 35-180W 12/24V EXC



At a glance: LCU 35-180W 12/24V EXC

- Constant-voltage LED Driver 12/24 V
- Wide input voltage range (108-305 V)
- Not dimmable
- Small cross-section for a wide range of applications
- Long lifetime of up to 50,000 hours
- 5-year guarantee

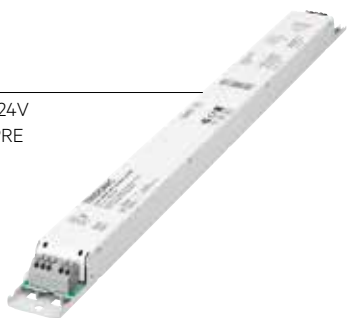
LCA 35 W/60 W/100W/150W
24V one4all SC PRE



At a glance: LCA 35 W/60 W/100W/150W 24V one4all SC PRE

- Constant-voltage LED Driver 24 V
- Dimming via one4all and ready2mains interface
- Stretched Compact housing with strain relief to pin
- Type of protection IP20
- Long lifetime of up to 50,000 hours
- 5-year guarantee

LCA 100W 24V
one4all Ip PRE



At a glance: LCA 100W 24V one4all Ip PRE

- Constant-voltage LED Driver 24 V
- Dimming via one4all and ready2mains interface
- Slim Linear low profile form-factor
- Type of protection IP20
- Long lifetime of up to 50,000 hours
- 5-year guarantee

LED accessory



At a glance: LED accessory

- For connecting LLE FLEX modules
- Connector with cable for connecting to an LED Driver

Type	Order No.
ACL plug connector Wire to PCB 9x4.2mm	28000994
ACL plug connector Wire-PCB 500x9x5.7mm	28001657
ACL plug connector Wire-PCB 2000x9x5.7mm	28001656
ACL plug connector PCB to PCB 8x4.2mm	28000995
ACL plug corner connector 150x9.8x5.7mm	28001654
ACL plug corner connector 60x9.8x5.7mm	28001655

Matching LED Driver

LED Driver	Order No.
Driver Dimming	
LCA 35W 24V one4all SC PRE	28001662
LCA 60W 24V one4all SC PRE	28001663
LCA 100W 24V one4all SC PRE	28001253
LCA 150W 24V one4all SC PRE	28001437
LCA 100W 24V one4all Ip PRE	28001436
Driver Built-in non-dimming	
LED 0025 K201 24VDC 25VA	28000849
LCU 035/24 E020 120-240V	24166320
LCU 060/24 E020 120-240V	24166324
LCU 100/24 E020 120-240V	24166328
LCU 150/24 E020 120-240V	24166333
LCU 35W 12V SR TOP	28000406
LCU 35W 24V SR TOP	28000411
LCU 60W 12V SR TOP	28000407
LCU 60W 24V SR TOP	28000412
LCU 100W 12V SR TOP	28000408
LCU 96W 24V SR TOP	28000413
LCU 180W 24V SR TOP	28000414

Support and advice

From a single source



Engine DLE



Engine CLE



Engine CLE Integrated



Engine LLE-FLEX



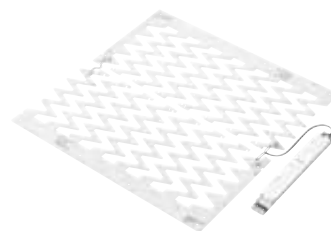
Engine SLE



Engine FLE



Engine LLE



Engine QLE

We will help you to create lighting solutions that are unbeatable in terms of economy and functionality, according to the slogan:
We devote all our energy to your light.

As an international company, Tridonic is represented worldwide by 30 branch offices and partners in 73 countries.



Headquarters

Tridonic GmbH & Co KG
Färbergasse 15 | 6851 Dornbirn, Austria
T +43 5572 395-0 | F +43 5572 20176
www.tridonic.com | sales@tridonic.com

Light you want to follow.

