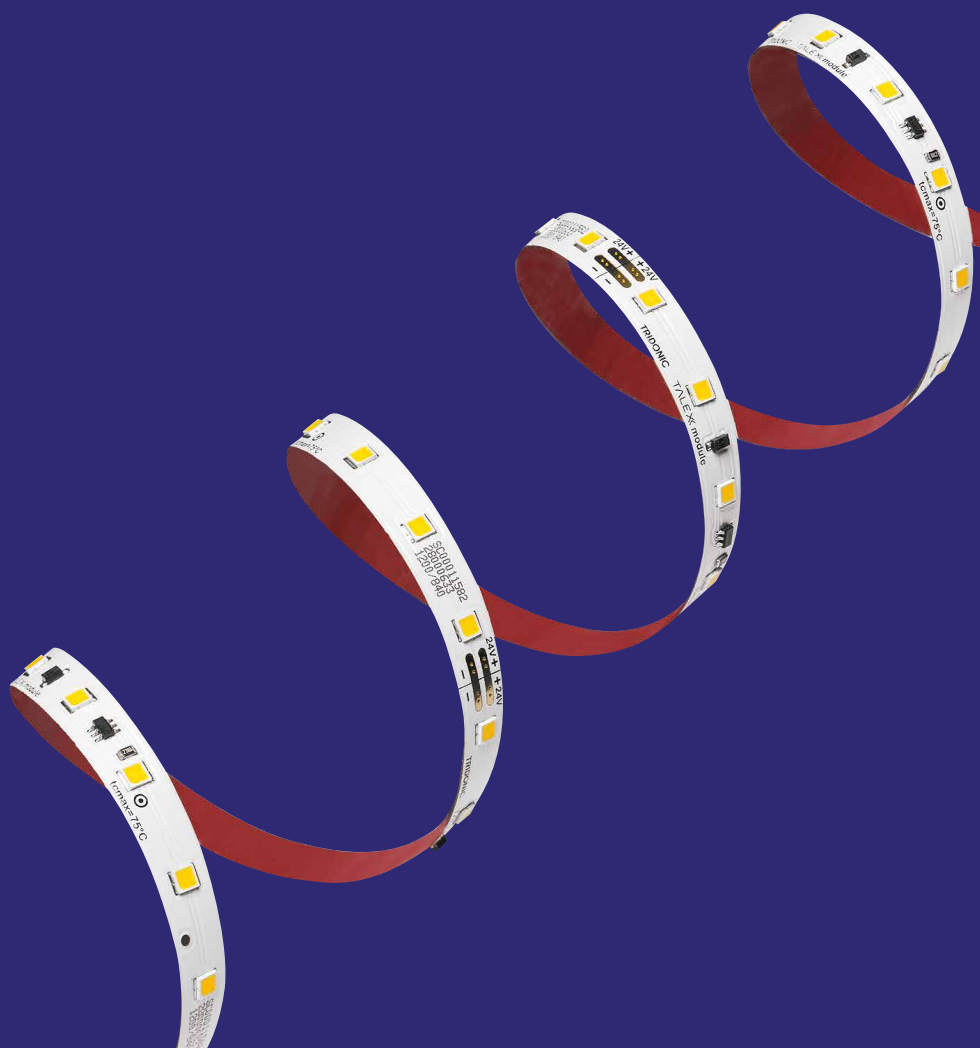


LED Module

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 SNC	LLE FLEX ADV	LLE FLEX EXC Short-pitch	LLE FLEX EXC IP67*
Dimensions (L x W x H)	4,800 x 8 x 2 mm	4,800 x 8 x 2 mm	4,800 x 8 x 2 mm	4,800 x 12 x 5 mm
Luminous flux	600 lm, 1,200 lm, 1,800 lm	600 lm, 1,200 lm, 1,800 lm	600 lm, 1,200 lm, 1,800 lm, 2,500 lm	600 lm, 1,200 lm, 1,800 lm
Colour temperature	2,700 K, 3,000 K, 4,000 K and 6,500 K with SDCM 5	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	2,700 K, 3,000 K and 4,000 K with SDCM 3
Module efficiency	125 lm/W	141 lm/W	120 lm/W	95 lm/W
Colour rendering index	CRI >80	CRI >80	CRI >90	CRI >90
Cut options	50 mm cut options	100 mm cut options	50 mm cut options	50 mm cut options
Light point spacing	8 mm Light point spacing	14 mm Light point spacing	7 mm Light point spacing	7 mm Light point spacing

*Coming in February

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 24 V 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.

ESSENCE



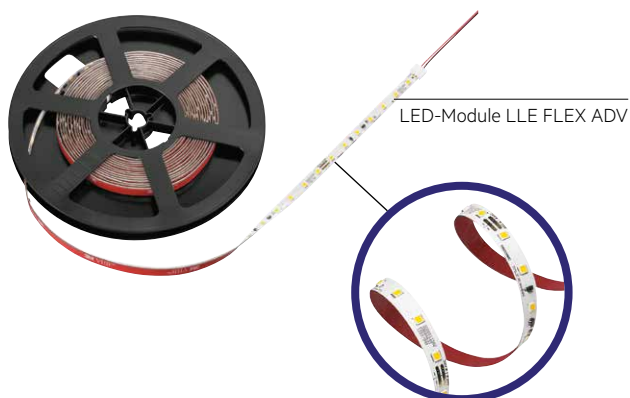
At a glance: Module LLE FLEX SNC

- Linear LED strip on a flexible board
- Efficacy of the module up to 125 lm/W (tp = 65 °C)
- High design freedom due to 50 mm cut-options
- Pitch distance of 8.3 mm enables high light homogeneity
- 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 G1 8x4800 5W-600lm/m 827 SNC	2,700	SDCM 5	585	> 80	5.2	113	28002098
	LLE FLEX G1 8x4800 5W-600lm/m 830 SNC	3,000	SDCM 5	585	> 80	5.0	117	28002099
	LLE FLEX G1 8x4800 5W-600lm/m 840 SNC	4,000	SDCM 5	585	> 80	4.8	122	28002100
	LLE FLEX G1 8x4800 5W-600lm/m 865 SNC	6,500	SDCM 5	585	> 80	4.8	122	28002101
	LLE FLEX G1 8x4800 11W-1200lm/m 827 SNC	2,700	SDCM 5	1,175	> 80	10.6	111	28002102
	LLE FLEX G1 8x4800 10W-1200lm/m 830 SNC	3,000	SDCM 5	1,175	> 80	10.4	113	28002103
	LLE FLEX G1 8x4800 10W-1200lm/m 840 SNC	4,000	SDCM 5	1,175	> 80	9.8	125	28002104
	LLE FLEX G1 8x4800 10W-1200lm/m 865 SNC	6,500	SDCM 5	1,175	> 80	9.8	125	28002105
	LLE FLEX G1 8x4800 16W-1800lm/m 827 SNC	2,700	SDCM 5	1,765	> 80	16.2	109	28002106
	LLE FLEX G1 8x4800 16W-1800lm/m 830 SNC	3,000	SDCM 5	1,765	> 80	15.8	112	28002107
	LLE FLEX G1 8x4800 14W-1800lm/m 840 SNC	4,000	SDCM 5	1,765	> 80	14.2	124	28002108
	LLE FLEX G1 8x4800 14W-1800lm/m 865 SNC	6,500	SDCM 5	1,765	> 80	14.2	124	28002109

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

ADVANCED



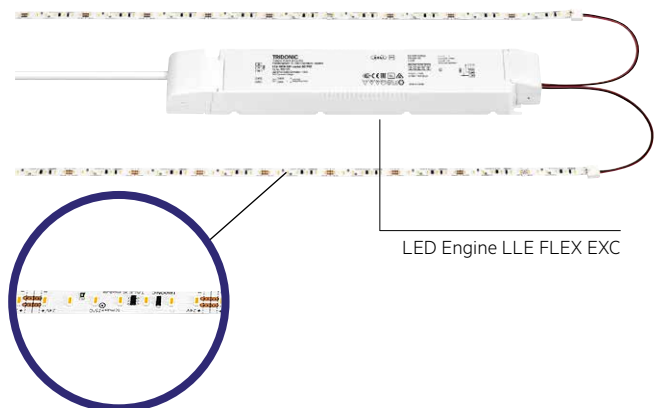
At a glance: Module LLE FLEX ADV

- 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

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: ±15%. Values per 1m of LLE FLEX.

EXCITE Short-pitch



At a glance: Module LLE FLEX EXC Short-pitch

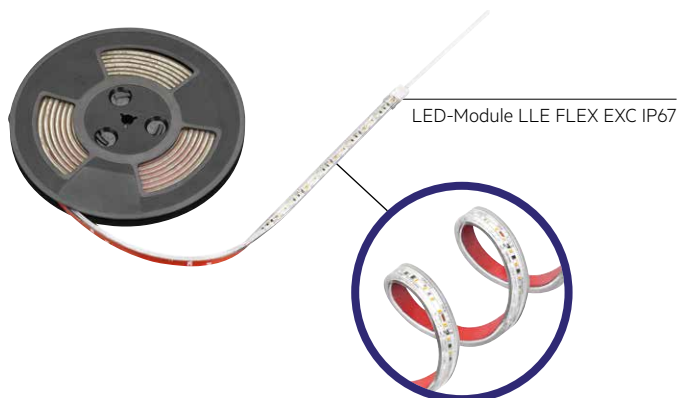
- Linear LED strip on a flexible board
- Light point spacing of 6–7 mm for extremely homogeneous light
- Module efficiency of up to 105 lm/W (tp = 65 °C)
- Great freedom of design thanks to 50 mm cut options
- Small spacings from the lighting strip to the diffuser are possible
- CRI >90
- Long lifetime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

EXCITE IP67

Innovative combination of protection and accurate colour



At a glance: Module LLE FLEX EXC IP67

- Dimmable 24 V constant voltage strip (SELV)
- Light point spacing of 87mm for extremely homogeneous light
- Module efficiency of up to 95 lm/W (tp = 65 °C)
- Great freedom of design thanks to 50mm cut options
- Self-adhesive 3M tape at the backside for simple mounting on different surfaces
- CRI >90
- Long lifetime of up to 50,000 hours
- 5-year guarantee

NEW	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 7W-600lm/m 927 IP67 EXC*	2,700	SDCM 3	570	> 90	7.2	83	28002171
	LLE FLEX G1 7W-600lm/m 930 IP67 EXC*	3,000	SDCM 3	590	> 90	7.2	88	28002172
	LLE FLEX G1 7W-600lm/m 940 IP67 EXC*	4,000	SDCM 3	600	> 90	6.6	95	28002173
	LLE FLEX G1 13W-1200lm/m 927 IP67 EXC*	2,700	SDCM 3	1,070	> 90	13.6	83	28002174
	LLE FLEX G1 13W-1200lm/m 930 IP67 EXC*	3,000	SDCM 3	1,120	> 90	13.6	89	28002175
	LLE FLEX G1 13W-1200lm/m 940 IP67 EXC*	4,000	SDCM 3	1,180	> 90	13.2	94	28002176
	LLE FLEX G1 20W-1800lm/m 927 IP67 EXC*	2,700	SDCM 3	1,560	> 90	21.4	80	28002177
	LLE FLEX G1 20W-1800lm/m 930 IP67 EXC*	3,000	SDCM 3	1,640	> 90	21.4	84	28002178
	LLE FLEX G1 20W-1800lm/m 940 IP67 EXC*	4,000	SDCM 3	1,690	> 90	19.8	91	28002179

*Coming in February, Preliminary data; subject to change. 1) Tolerances range for optical and electrical data: ±15%. Values per 1m of LLE FLEX.

IP67 type of protection makes the flexible lighting strip resistant to water and dust. It is therefore ideal for use in bathroom lighting in particular.

With the innovative airGAP manufacturing process, Tridonic has succeeded in completely eliminating the usual colour drift that occurs in higher protection classes. This means that LLE FLEX IP67 EXCITE can be perfectly combined with lighting strips that have no IP protection. The result is a uniform appearance.

System solution

The perfect 24 V system solution for flexible lighting strips

LCU 35-180W 24V EXC



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

- Constant-voltage LED Driver 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

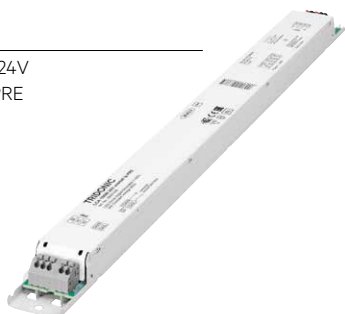
LCA 35 W/60 W/100W/150W
24V one4all SC PRE



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

- Constant-voltage LED Driver 24 V
- Dimming via one4all (DALI DT 6, DSI, switchDIM, corridorFUNCTION) 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 (DALI DT 6, DSI, switchDIM, corridorFUNCTION) and ready2mains interface
- Slim Linear low profile form-factor
- Type of protection IP20
- Long lifetime of up to 50,000 hours
- 5-year guarantee

LC 60 W/100W
24V SC SNC



At a glance: LC 60 W/100W 24V SC SNC

- Constant-voltage LED Driver 24 V
- Dimmable via PWM LED dimmers
- Stretched Compact housing with strain relief to pin
- Type of protection IP20
- Long lifetime of up to 50,000 hours
- 5-year guarantee

LC 60 W/100W
24V Ip SNC



At a glance: LC 60 W/100W 24V Ip SNC

- Constant-voltage LED Driver 24 V
- Dimmable via PWM LED dimmers
- Slim Linear low profile form-factor
- Type of protection IP20
- Long lifetime of up to 50,000 hours
- 5-year guarantee

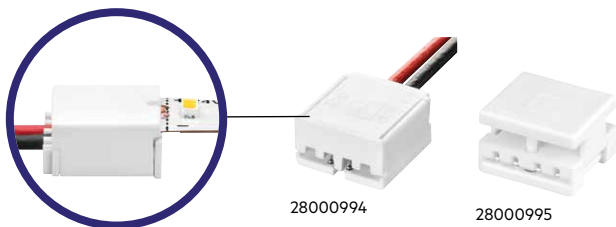
System solution

The perfect 24 V system solution for flexible lighting strips

Matching LED Driver

LED Driver	Order No.
Driver Dimming	
LCA 35W 24V one4all SC PRE	28001662
LCA 60W 24V one4all SC PRE	28001663
LC 60W 24V SC SNC	87500665
LCA 100W 24V one4all SC PRE	28001253
LC 100W 24V SC SNC	87500666
LCA 150W 24V one4all SC PRE	28001437
LC 60W 24V Ip SNC	87500669
LC 100W 24V Ip SNC	87500670
LCA 100W 24V one4all Ip PRE	28001436
Driver Built-in non-dimming	
LCU 35W 24V SR TOP	28000411
LCU 60W 24V SR TOP	28000412
LCU 96W 24V SR TOP	28000413
LCU 180W 24V SR TOP	28000414

LED accessory

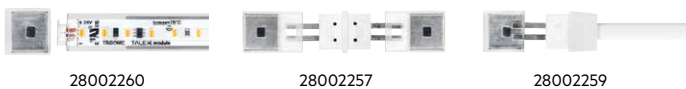


All accessories for the LLE FLEX lighting strips, interconnector, wire to pcb connectors and end caps, have been specially adapted for the IP67 version, enabling intuitive and easy handling. Installation is also child's play with the 3M adhesive tape.

At a glance: LED accessory

- For connecting LLE FLEX modules
- Connector with cable for connecting to an LED Driver
- Endcap to close the strip (IP67)

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
ACL plug connector Wire-PCB IP67 right	28002257
ACL plug connector Wire-PCB IP67 left	28002258
ACL plug interconnector IP67	28002259
ACL plug end cap IP67	28002260



Support and advice

From a single source



Engine DLE



Engine CLE



Engine CLE Integrated



Engine LLE-FLEX



Engine SLE



Engine EM ready2apply



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.



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Light you want to follow.

