

LED Solutions



Leading lighting components solution for:



Spotlights



Downlights



Linear



Wide Area



Floor | Wall



Free Standing



Decorative



High Bay



Keeping the details in mind and the system in sight.

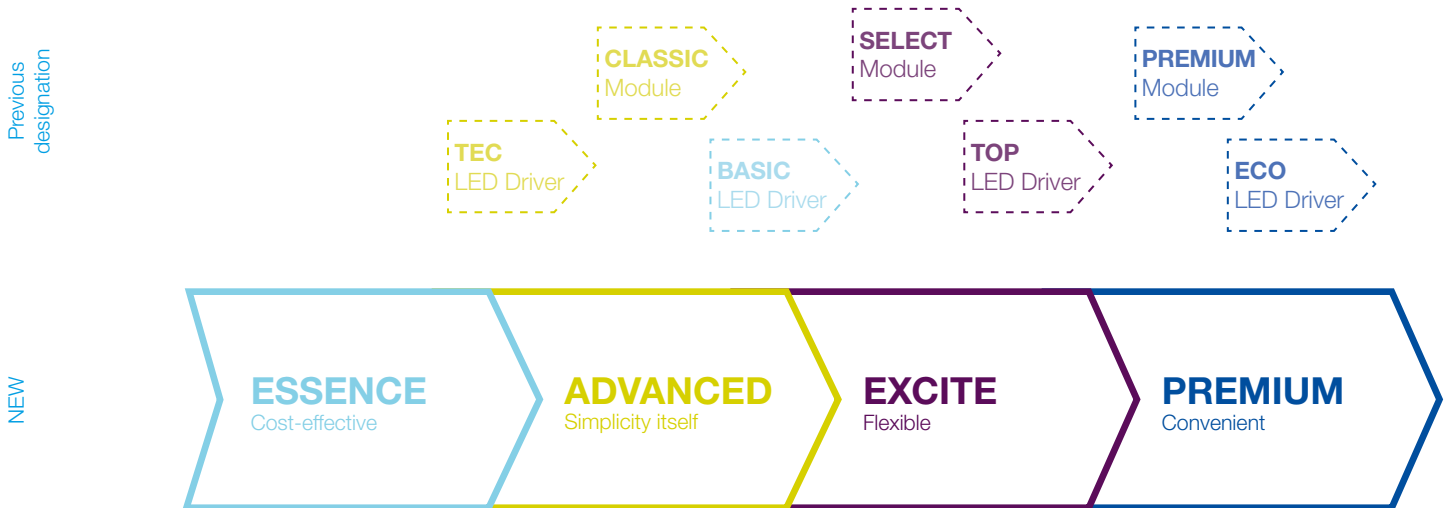
Perfect solutions are based on reliable components, each of which work with high precision and efficiency. From LED modules and LED Drivers to emergency lighting and lighting control systems: Tridonic offers you a comprehensive, diverse range of products on a one-stop shop basis – to be individually combined, including complete solution packages for any application. We keep all your requirements – down to the smallest detail – in mind and the entire system in sight.

www.tridonic.com

LED system solutions at a glance

Tridonic provides you with LED light sources and LED Drivers tailored to your individual requirements.

The different product categories from the Tridonic portfolio can be combined in a variety of ways to meet your own specific requirements. For a better overview, the portfolio has been arranged in the following product categories:



Office & Education and Retail & Hospitality

	ESSENCE _ Application-related specifications _ For optimum light _ Proven Tridonic quality	ADVANCED _ Easy to connect _ Focus on core functions _ Excellent quality of light for sophisticated demands	EXCITE _ Maximum flexibility that pays off _ Fascinating lighting moods _ For demanding lighting tasks	PREMIUM _ Maximum convenience for your application _ Digital networking and control _ Adjustable colour temperature (Tunable White)
Quality of light				
Module efficiency				
LED Driver efficiency				
Price				
Life-time				
Tunable White				✓
Dimming			ready2mains™	DALI/ready2mains™
Backwards compatible			✓	✓
Guarantee	3 years/5 years	5 years	5 years	5 years

Downlight

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TALEXengine DLE

- ___ High system efficacy of up to 147lm/W
- ___ Dimming range from 1–100 %
- ___ Plug & Play – automatic luminous flux setting

System solution

1 x DLE ADV

1 x LCAI 20W 350–900mA PRE SR



Spotlight

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TALEXengine SLE

- ___ High system efficacy of up to 150lm/W
- ___ Excellent thermal management & outstanding luminance thanks to COB technology
- ___ Dimming range from 1–100 %
- ___ Plug & Play – automatic luminous flux setting

System solution

1 x SLE ADV

1 x LCAI 35W

350–900mA ECO C



High bay

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TALEXengine FLE

- ___ Luminous flux range from 4,500–21,100lm
- ___ High system efficacy up to 115lm/W for the LED module
- ___ Reliable TALEXdriver (100W and 240W)
- ___ Excellent thermal management by COB technology

System solution

1 x FLE ADV

1 x LCAI 100W ECO SR



Wide Area

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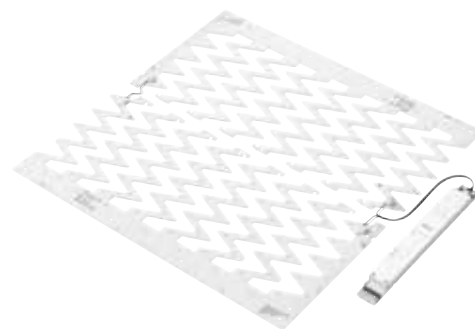
TALEXengine QLE

- ___ System efficacy of up to 147lm/W
- ___ Perfectly uniform light even if several LED modules are arranged one after the other
- ___ Self-cooling
- ___ Dimming range from 1–100 %
- ___ Integrated emergency lighting functionality

System solution

2 x QLE ADV

1 x LCA 50W 100–400mA one4all Ip PRE



Linear

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TALEXengine LLE

- ___ System efficacy of up to 137lm/W
- ___ Perfectly uniform light even if several LED
- ___ Modules are arranged one after the other
- ___ Dimming range from 1–100 %
- ___ Integrated emergency lighting functionality

System solution

- 4 x LLE ADV
- 1 x LCA 50W 100-400mA one4all Ip PRE



TALEXengine LLE-FLEX

- ___ Module efficacy of up to 130lm/W
- ___ Great freedom of design thanks to 50/100mm cut options
- ___ Simple installation with thermal adhesive tape

System solution

- 1 x LLE-FLEX
- 1 x LCU 35-180W 12724V EXC



Floor | Wall

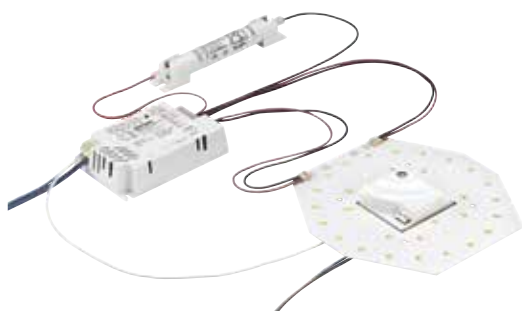
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TALEXengine CLE

- ___ System efficacy up to 139lm/W
- ___ Self-cooling
- ___ Integrated emergency lighting functionality

System solution

- 1 x CLE ADV EM SO
- 1 x SWITCH Sensor HF 5BP
- 1 x EM powerLED BASIC 15W CLE
- 1 x Accu-NiCd



ready2apply

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TALEXengine DLA, SLA

- ___ System efficacy up to 90lm/W
- ___ Self-cooling
- ___ Complete ready-to-apply solution

System solution

- 1 x SLA G1 SNC
- 1 x LC 8W 220 mA phase cut SNC



Compact system solution for downlights

The market-tested and extremely reliable TALEXmodule DLE portfolio is being further expanded. The compact system solutions for your downlights are being updated in terms of efficiency and application.

The latest generation of EXCITE TALEXmodule offers improved colour rendering of CRI > 90 for perfect presentation of merchandise at the point of sale. The housing dimensions are identical to those of the ADVANCED series. By using the same narrow and successful housing it is possible for a luminaire to have high colour rendering by simply replacing the LED modules.

Product Portfolio – Overview

ADVANCED

Simplicity itself

Static White in 3,000 K, and 4,000 K with a CRI > 80



EXCITE

Flexible

Static White in 3,000 K and 4,000 K with a CRI > 90



Typical applications



TALEXengine DLE ADVANCED

TALEXmodule	Housing	Colour temperature	Typ. luminous flux ¹⁾		Typ. power consumption ¹⁾		Module efficacy ³⁾	Size	Order No.
			HE	BLO ²⁾ /HO	HE	BLO ²⁾ /HO			
DLE G3 65mm 2000lm 830 R ADV	no	3,000K	1,260lm	2,300lm	8.8W	17.6W	143lm/W	78x78mm	89602107
DLE G3 65mm 2000lm 840 R ADV	no	4,000K	1,290lm	2,340lm	8.3W	16.3W	155lm/W	78x78mm	89602108
DLE G3 65mm 3000lm 830 R ADV	no	3,000K	2,440lm	3,450 lm	17.9W	27W	136lm/W	78x78mm	89602109
DLE G3 65mm 3000lm 840 R ADV	no	4,000K	2,380lm	3,490lm	15.8W	24.7W	151 lm/W	78x78mm	89602110
DLE G3 65mm 2000lm 830 H ADV	yes	3,000K	1,100lm	2,000lm	8.8W	17.6W	125lm/W	81.5x81.5mm	89602111
DLE G3 65mm 2000lm 840 H ADV	yes	4,000K	1,100lm	2,000lm	8.3W	16.3W	133lm/W	81.5x81.5mm	89602112
DLE G3 65mm 3000lm 830 H ADV	yes	3,000K	2,100lm	3,000lm	17.9W	27W	117lm/W	81.5x81.5mm	89602113
DLE G3 65mm 3000lm 840 H ADV	yes	4,000K	2,050lm	3,000lm	15.8W	24.7W	130lm/W	81.5x81.5mm	89602114

¹⁾Tolerance range for electrical data: ±10%, tolerance range for optical data: ±10% | ²⁾BLO = Best LED Operation | ³⁾Operating mode HE, tp = 65°C

TALEXengine DLE EXCITE

TALEXmodule	Housing	Colour temperature	Typ. luminous flux ¹⁾		Typ. power consumption ¹⁾		Module efficacy ³⁾	Size	Order No.
			HE	BLO ²⁾ /HO	HE	BLO ²⁾ /HO			
DLE G3 65mm 2000lm 930 R EXC	no	3,000K	1,100lm	2,000lm	8.8W	17.2W	125lm/W	78x78mm	89600574
DLE G3 65mm 2000lm 940 R EXC	no	4,000K	1,090lm	1,990lm	8.2W	15.9W	133lm/W	78x78mm	89600575
DLE G3 65mm 3000lm 930 R EXC	no	3,000K	2,130lm	3,030 lm	17.6W	26.3W	121 lm/W	78x78mm	89600576
DLE G3 65mm 3000lm 940 R EXC	no	4,000K	2,020lm	2,980lm	15.6W	24.1W	129lm/W	78x78mm	89600577
DLE G3 65mm 2000lm 930 H EXC	yes	3,000K	940lm	1,720lm	8.8W	17.2W	107lm/W	81.5x81.5mm	89600578
DLE G3 65mm 2000lm 940 H EXC	yes	4,000K	940lm	1,720lm	8.2W	15.9W	115lm/W	81.5x81.5mm	89600579
DLE G3 65mm 3000lm 930 H EXC	yes	3,000K	1,830lm	2,600lm	17.6W	26.3W	104lm/W	81.5x81.5mm	89600580
DLE G3 65mm 3000lm 940 H EXC	yes	4,000K	1,740lm	2,560lm	15.6W	24.1W	112lm/W	81.5x81.5mm	89600599

¹⁾Tolerance range for electrical and optical data: ±10% | ²⁾BLO = Best LED Operation | ³⁾Operating mode HE, tp = 65°C

The new LED generation for spotlights and downlights

TALEXmodule SLE offers improved efficacy of up to 167lm/W, greater luminous flux, new colour temperatures and innovative technologies. A glass cover applied directly to the LES provides optimum protection against dust and contact. Additionally the glass cover makes it easier to handle the module or spotlight.

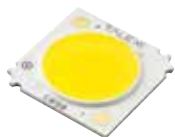
The new XD version with its compact LED arrangement enables smaller spotlights to be designed with extremely narrow-beam reflectors and high luminous flux. The version with the housing and new snap-on locking mechanism makes installing reflectors both quick and simple. TALEXengine SLE is the perfect system solution in combination with fixed-output or dimmable LED Drivers from Tridonic (www.tridonic.com/setbuilder).

Product Portfolio – Overview

ESSENCE

Cost-effective

Static White (3,000K and 4,000K) with a CRI > 80 and a CRI > 90



ADVANCED

Simplicity itself

Static White (2,700K; 3,000K; 3,500K; 4,000K) with a CRI > 80, long lifetime and high lm/W output



EXCITE

Flexible

Static White (2,700K; 3,000K; 3,500K; 4,000K) with a CRI > 90 and application-specific light colours: FOOD, ART, FASHION, SUNSET



PREMIUM

Convenient

Tunable White (2,700K – 6,500K) with a CRI > 90



Typical applications



TALEXengine SLE ESSENCE

Type	Colour temperature (K)	Typ. luminous flux ¹⁾ Operation mode (lm)	Typ. power consumption ²⁾ Operation mode (W)	Module efficacy tp = 65 °C (lm/W)	Size (mm)	Order No.
SLE G5 17mm 2000lm 830 R SNC	3,000	2,365	18.33	up to 129	21 x21	28001362
SLE G5 17mm 2000lm 930 R SNC	3,000	1,955	18.33	up to 107	21 x21	28001364
SLE G5 17mm 2000lm 840 R SNC	4,000	2,460	18.33	up to 134	21 x21	28001363
SLE G5 17mm 2000lm 940 R SNC	4,000	2,085	18.33	up to 113	21 x21	28001365
SLE G5 17mm 3000lm 830 R SNC	3,000	3,725	34.12	up to 107	21 x21	28001368
SLE G5 17mm 3000lm 930 R SNC	3,000	3,290	34.12	up to 95	21 x21	28001370
SLE G5 17mm 3000lm 840 R SNC	4,000	3,865	34.12	up to 111	21 x21	28001369
SLE G5 17mm 3000lm 930 R SNC	4,000	3,490	34.12	up to 100	21 x21	28001371

¹⁾Tolerance range for electrical data: ±10%, tolerance range for optical data: ±10 %

TALEXengine SLE ADVANCED

Type	Colour temperature	Typ. luminous flux ¹⁾ Operation mode (lm)			Typ. power consumption ¹⁾ Operation mode (W)			Module efficacy tp = 65 °C (lm/W)	Size (mm)	Order No.		
		HE	NM	HO	HE	NM	HO			Raw (R)	Cable (C)	Housing (H)
SLE G5 10mm 1200lm 830 R ADV	3,000	1,020		1,330	9.2		13.4	up to 111	13.5x13.5	28001313	28001527	
SLE G5 10mm 1200lm 840 R ADV	4,000	1,120		1,440	9.2		13.4	up to 122	13.5x13.5	28001314	28001526	
SLE G5 15mm 2000lm 827 R/C ADV	2,700	870	1,530	2,000	6.3	13.3	20.1	up to 138	19x19	89602249		
SLE G5 15mm 2000lm 830 R/C/H ADV	3,000	910	1,610	2,130	6.3	13.3	20.1	up to 144	19x19 Ø 35	89602212	89602242	89600893
SLE G5 15mm 2000lm 835 R ADV	3,500	920	1,615	2,135	6.3	13.3	20.1	up to 146	19x19	89602250		
SLE G5 15mm 2000lm 840 R/C/H ADV	4,000	960	1,690	2,240	6.3	13.3	20.1	up to 152	19x19 Ø 35	89602213	89602243	89600894
SLE G5 15mm 3000lm 827 R ADV	2,700	1,660	2,260	2,950	11.9	17.8	26.3	up to 139	19x19	89602251		
SLE G5 15mm 3000lm 830 R/C/H ADV	3,000	1,720	2,340	3,070	11.9	17.8	26.3	up to 145	19x19 Ø 35	89602194	89602198	89600897
SLE G5 15mm 3000lm 830 R ADV G										89600866		
SLE G5 15mm 3000lm 835 R ADV	3,500	1,740	2,340	3,080	11.9	17.8	26.3	up to 146	19x19	89602252		
SLE G5 15mm 3000lm 840 R/C/H ADV	4,000	1,800	2,440	3,190	11.9	17.8	26.3	up to 151	19x19 Ø 35	89602195	89602199	89600898
SLE G5 15mm 3000lm 840 R ADV G										89600867		
SLE G5 15mm 4000lm 827 R ADV	2,700	3,150	3,880	5,460	24.3	32.1	53.2	up to 130	19x19	89602253		
SLE G5 15mm 4000lm 830 R/C/H ADV	3,000	3,160	3,920	5,550	24.3	32.1	53.2	up to 130	19x19 Ø 35	89602190	89602186	89602298
SLE G5 15mm 4000lm 835 R ADV	3,500	3,170	3,940	5,570	24.3	32.1	53.2	up to 130	19x19	89602254		
SLE G5 15mm 4000lm 840 R/C/H ADV	4,000	3,190	3,960	5,600	24.3	32.1	53.2	up to 131	19x19 Ø 35	89602191	89602187	89602299
SLE G5 19mm 5000lm 827 R/C/H ADV	2,700	2,590	4,780	5,880	16.6	38.4	54.0	up to 156	31x31 Ø 50	89602255	89602259	89602262
SLE G5 19mm 5000lm 830 R/C/H ADV	3,000	2,610	4,920	6,100	16.6	38.4	54.0	up to 157	31x31 Ø 50	89602202	89602216	89602220
SLE G5 19mm 5000lm 830 H ADV T												89602224
SLE G5 19mm 5000lm 830 H ADV G												89600875
SLE G5 19mm 5000lm 835 R/C/H ADV	3,500	2,680	5,100	6,350	16.6	38.4	54.0	up to 161	31x31 Ø 35	89602256	89602260	89602263
SLE G5 19mm 5000lm 840 R/C/H ADV	4,000	2,740	5,160	6,400	16.6	38.4	54.0	up to 165	31x31 Ø 50	89602203	89602217	89602221
SLE G5 19mm 5000lm 840 H ADV T												89602225
SLE G5 19mm 5000lm 840 H ADV G												89600876
SLE G5 23mm 6000lm 827 R/H ADV	2,700	3,600	6,510	7,740	23.3	50.7	65.8	up to 155	31x31 Ø 50	89602375		89602399
SLE G5 23mm 6000lm 830 R/C/H ADV	3,000	3,780	6,900	8,200	23.3	50.7	65.8	up to 162	31x31 Ø 50	89602206	89602228	89602232
SLE G5 23mm 6000lm 830 H ADV T												89602236
SLE G5 23mm 6000lm 830 H ADV G												89600873
SLE G5 23mm 6000lm 835 R/C/H ADV	3,500	3,730	6,760	8,020	23.3	50.7	65.8	up to 160	31x31 Ø 35	89602257	89602261	89602264
SLE G5 23mm 6000lm 840 R/C/H ADV	4,000	3,880	7,080	8,440	23.3	50.7	65.8	up to 167	31x31 Ø 50	89602207	89602229	89602233
SLE G5 23mm 6000lm 840 H ADV T												89602237
SLE G5 23mm 6000lm 840 H ADV G												89600874

¹⁾Tolerance range for electrical data: ±10%, tolerance range for optical data: ±10%, HE=High Efficiency, NM=Nominal, HO=High Output, Tim (T)=Thermal interface material, Glass (G)

TALEXengine SLE EXCITE

Type	Colour temperature	Typ. luminous flux ¹⁾ Operation mode (lm)			Typ. power consumption ¹⁾ Operation mode (W)			Module efficacy tp = 65 °C (lm/W)	Size (mm)	Order No.		
		HE	NM	HO	HE	NM	HO			Raw (R)	Cable (C)	Housing (H)
SLE G5 10mm 1200lm 930 R	3,000	870		1,130	9.2		13.4	up to 95	13.5x13.5	28001315		
SLE G5 10mm 1200lm 940 R	4,000	950		1,230	9.2		13.4	up to 103	13.5x13.5	28001316		
SLE G5 15mm 2000lm 927 R EXC	2,700	720	1,260	1,650	6.3	13.3	20.1	up to 114	19x19	89602265		
SLE G5 15mm 2000lm 930 R/C/H EXC	3,000	730	1,290	1,710	6.3	13.3	20.1	up to 116	19x19 Ø 35	89602214	89602244	89600895
SLE G5 15mm 2000lm 935 R EXC	3,500	750	1,310	1,740	6.3	13.3	20.1	up to 119	19x19	89602266		
SLE G5 15mm 2000lm 940 R/C/H EXC	4,000	760	1,340	1,770	6.3	13.3	20.1	up to 121	19x19 Ø 35	89602215	89602245	89600896
SLE G5 15mm 3000lm 927 R EXC	2,700	1,340	1,810	2,350	11.9	17.8	26.3	up to 113	19x19	89602267		
SLE G5 15mm 3000lm 930 R/C/H EXC	3,000	1,440	1,950	2,560	11.9	17.8	26.3	up to 121	19x19 Ø 35	89602196	89602200	89600899
SLE G5 15mm 3000lm 935 R EXC	3,500	1,510	2,040	2,670	11.9	17.8	26.3	up to 127	19x19	89602268		
SLE G5 15mm 3000lm 940 R/C/H EXC	4,000	1,540	2,080	2,730	11.9	17.8	26.3	up to 129	19x19 Ø 35	89602197	89602201	89601398
SLE G5 15mm 4000lm 927 R/C EXC	2,700	2,520	3,120	4,440	24.3	32.1	53.2	up to 104	19x19	89602269		
SLE G5 15mm 4000lm 930 R/C/H EXC	3,000	2,620	3,240	4,590	24.3	32.1	53.2	up to 108	19x19 Ø 35	89602192	89602188	89602300
SLE G5 15mm 4000lm 935 R/C EXC	3,500	2,690	3,300	4,680	24.3	32.1	53.2	up to 111	19x19	89602270		
SLE G5 15mm 4000lm 940 R/C/H EXC	4,000	2,740	3,380	4,790	24.3	32.1	53.2	up to 113	19x19 Ø 35	89602193	89602189	89602301
SLE G5 19mm 5000lm 927 R/C/H EXC	2,700	2,120	3,960	4,900	16.6	38.4	54.0	up to 128	19x19 Ø 50	89602271	89602273	89602276
SLE G5 19mm 5000lm 930 R/C/H EXC	3,000	2,260	4,250	5,270	16.6	38.4	54.0	up to 136	31x31 Ø 50	89602204	89602218	89602222
SLE G5 19mm 5000lm 930 H EXC T												89602226
SLE G5 19mm 5000lm 935 R/C/H EXC	3,500	2,320	4,320	5,320	16.6	38.4	54.0	up to 140	31x31 Ø 50	89602272	89602274	89602277
SLE G5 19mm 5000lm 940 R/C/H EXC	4,000	2,440	4,610	5,720	16.6	38.4	54.0	up to 147	31x31 Ø 50	89602205	89602219	89602223
SLE G5 19mm 5000lm 940 H EXC T												89602227
SLE G5 23mm 6000lm 927 R/H EXC	2,700	2,940	5,330	6,350	23.3	50.7	65.8	up to 126	31x31 Ø 50	89602381		89602400
SLE G5 23mm 6000lm 930 R/C/H EXC	3,000	3,260	5,900	7,000	23.3	50.7	65.8	up to 140	31x31 Ø 50	89602208	89602230	89602234
SLE G5 23mm 6000lm 930 H EXC T												89602238
SLE G5 23mm 6000lm 935 R/C/H EXC	3,500	3,230	5,940	7,050	23.3	50.7	65.8	up to 141	31x31 Ø 50	89602258	89602275	89602278
SLE G5 23mm 6000lm 940 R/C/H EXC	4,000	3,480	6,290	7,430	23.3	50.7	65.8	up to 149	31x31 Ø 50	89602209	89602231	89602235
SLE G5 23mm 6000lm 940 H EXC T												89602239

¹⁾Tolerance range for electrical data: ±10%, tolerance range for optical data: ±10%, HE=High Efficiency, NM=Nominal, HO=High Output, Tim (T)=Thermal interface material

TALEXengine SLE EXCITE FOOD

Type	Colour temperature	Typ, luminous flux ¹⁾ Operation current (lm)			Typical power consumption Nominal Mode ¹⁾ (lm/W)	Size (mm)	Order No.
		HE	NM	HO			
Baked goods							
SLE G5 19mm 5000lm GOLD H EXC	Gold	2,100	3,900	4,800	38.4	Ø 50	89602287
SLE G5 19mm 5000lm GOLD+ H EXC	Gold+	1,440	2,640	3,190	38.4	Ø 50	89602288
SLE G5 23mm 6000lm GOLD H EXC	Gold	2,960	5,350	6,350	50.7	Ø 50	89602290
SLE G5 23mm 6000lm GOLD+ H EXC	Gold+	2,030	3,650	4,290	50.7	Ø 50	89602291
Meat products							
SLE G5 19mm 5000lm FRESH MEAT H EXC	Fresh Meat	1,330	2,510	3,125	38.4	Ø 50	89602285
SLE G5 19mm 5000lm MEAT+ H EXC	Meat+	1,360	2,540	3,130	38.4	Ø 50	89602286
SLE G5 23mm 6000lm FRESH MEAT H EXC	Fresh Meat	1,860	3,350	3,940	50.7	Ø 50	89602292
SLE G5 23mm 6000lm MEAT+ H EXC	Meat+	1,860	3,340	3,940	50.7	Ø 50	89602289
Fish products							
SLE G5 19mm 5000lm FISH H EXC	FISH	2,110	3,990	4,950	38.4	Ø 50	89602293
SLE G5 23mm 6000lm FISH H EXC	FISH	2,980	5,350	6,320	50.7	Ø 50	89602294

¹⁾Tolerance range for electrical data: ±10%, tolerance range for optical data: ±10%, HE=High Efficiency, NM=Nominal, HO=High Output

TALEXengine SLE EXCITE ART

Type	Colour temperature (K)	Typ, luminous flux ¹⁾ Operation current (lm)			Typical power consumption Nominal Mode ¹⁾ (lm/W)	Size (mm)	Order No.
		HE	NM	HO			
SLE G5 19mm 5000lm 927 H ART EXC	2,700	1,850	3,450	4,240	38.4	Ø 50	89602281
SLE G5 19mm 5000lm 930 H ART EXC	3,000	1,960	3,680	4,560	38.4	Ø 50	89602282
SLE G5 23mm 6000lm 927 H ART EXC	2,700	2,600	4,700	5,570	50.7	Ø 50	89602283
SLE G5 23mm 6000lm 930 H ART EXC	3,000	2,840	5,150	6,100	50.7	Ø 50	89602284

¹⁾Tolerance range for electrical data: ±10%, tolerance range for optical data: ±10%, HE=High Efficiency, NM=Nominal, HO=High Output

TALEXengine SLE EXCITE FASHION

Type	Colour temperature (K)	Typ, luminous flux ¹⁾ Operation current (lm)			Typical power consumption Nominal Mode ¹⁾ (lm/W)	Size (mm)	Order No.
		HE	NM	HO			
SLE G5 19mm 5000lm FASHION H EXC	3,250	2,050	3,810	4,710	38.4	Ø 50	89602279
SLE G5 23mm 6000lm FASHION H EXC	3,250	2,750	5,000	5,950	50.7	Ø 50	89602280

¹⁾Tolerance range for electrical data: ±10%, tolerance range for optical data: ±10%, HE=High Efficiency, NM=Nominal, HO=High Output

TALEXengine SLE EXCITE SUNSET

Type	Colour temperature (K)	Operating current (mA)	Typ. luminous flux ¹⁾ (lm)	Typ. power consumption ¹⁾ (W)	Size (mm)	Order No.
SLE G1 11mm 1000lm 927 R EXC SUNSET*	2,000–2,700	350	1,140	13.4	19x19	89602602
SLE G1 11mm 1000lm 927 H EXC SUNSET*	2,000–2,700	350	1,140	13.4	Ø 35	89602605
SLE G1 15mm 2000lm 927 R EXC SUNSET*	2,000–2,700	500	1,700	18.1	19x19	89602603
SLE G1 15mm 2000lm 927 H EXC SUNSET*	2,000–2,700	500	1,700	18.1	Ø 35	89602606
SLE G1 19mm 3500lm 927 R EXC SUNSET*	2,000–2,700	1,000	3,470	36.8	31 x31	89602604
SLE G1 19mm 3500lm 927 H EXC SUNSET*	2,000–2,700	1,000	3,470	36.8	Ø 50	89602607

*Coming soon. Preliminary data. ¹⁾Tolerance range for electrical data: ±10%, tolerance range for optical data: ±10%

TALEXengine SLE XD ADVANCED

Type	Colour temperature (K)	Typ. luminous flux ¹⁾ Operation mode (lm)			Typ. power consumption ¹⁾ Operation mode (W)			Module efficacy (lm/W) tp = 65 °C	Size (mm)	Order No.		
		HE	NM	HE	HE	NM	HE			Raw (R)	Cable (C)	Housing (H)
SLE G5 6mm 1200lm 830 XD R/C ADV	3,000	770	1,030	1,340	6.4	9.2	13.4	up to 120	13.5x 13.5	89602182	89602178	
SLE G5 6mm 1200lm 840 XD R/C ADV	4,000	790	1,040	1,360	6.4	9.2	13.4	up to 123	13.5x 13.5	89602183	89602179	
SLE G5 11mm 3000lm 830 XD R/C ADV	3,000	2,220	2,910	3,530	17.9	25.9	34.5	up to 124	13.5x 13.5	89602174	89602170	
SLE G5 11mm 3000lm 840 XD R/C ADV	4,000	2,260	2,990	3,610	17.9	25.9	34.5	up to 126	13.5x 13.5	89602175	89602171	
SLE G5 15mm 5000lm 830 XD R/C/H ADV	3,000	4,680	5,890	6,960	37.9	52.1	67.1	up to 123	19x 19 Ø 35	89602166	89602161	89602302
SLE G5 15mm 5000lm 840 XD R/C/H ADV	4,000	4,710	5,910	6,960	37.9	52.1	67.1	up to 124	19x 19 Ø 35	89602167	89602162	89602303

¹⁾Tolerance range for electrical data: ±10%, tolerance range for optical data: ±10%, HE=High Efficiency, NM=Nominal, HO=High Output

EXCITE

TALEXengine SLE XD EXCITE

Type	Colour temperature (K)	Typ. luminous flux ¹⁾ Operation mode (lm)			Typ. power consumption ¹⁾ Operation mode (W)			Module efficacy (lm/W) tp = 65 °C	Size (mm)	Order No.		
		HE	NM	HE	HE	NM	HE			Raw (R)	Cable (C)	Housing (H)
SLE G5 6mm 1200lm 930 XD R/C EXC	3,000	640	830	1,070	6.4	9.2	13.4	up to 100	13.5x 13.5	89602184	89602180	
SLE G5 6mm 1200lm 940 XD R/C EXC	4,000	700	920	1,180	6.4	9.2	13.4	up to 109	13.5x 13.5	89602185	89602181	
SLE G5 11mm 3000lm 930 XD R/C EXC	3,000	1,740	2,290	2,780	17.9	25.9	34.5	up to 97	13.5x 13.5	89602176	89602172	
SLE G5 11mm 3000lm 940 XD R/C EXC	4,000	1,920	2,530	3,060	17.9	25.9	34.5	up to 107	13.5x 13.5	89602177	89602173	
SLE G5 15mm 5000lm 930 XD R/C/H EXC	3,000	3,590	4,530	5,350	37.9	52.1	67.1	up to 95	19x 19 Ø 35	89602168	89602164	89602304
SLE G5 15mm 5000lm 940 XD R/C/H EXC	4,000	4,180	5,260	6,220	37.9	52.1	67.1	up to 110	19x 19 Ø 35	89602169	89602165	89602305

¹⁾Tolerance range for electrical data: ±10%, tolerance range for optical data: ±10%, HE=High Efficiency, NM=Nominal, HO=High Output

PREMIUM

Dynamic Light with Tunable White

Tunable White gives you the option of dynamically setting the colour temperature. This is essential for modern, biologically effective lighting solutions which aim to simulate natural light indoors. The SLE PREMIUM Tunable White System is available as a kit comprising one LED module and a preconfigured LED Driver. This means that it is possible for spotlights to simulate the changes in natural daylight throughout the day.

The colour temperature can be changed smoothly between 2,700K and 6,500K to meet the specific needs of the relevant application. The system has a dimming range between 100 and 15%.



Type	System components	Colour temperature	Mac Adam	Typ. luminous flux ¹⁾	CRI	Typ. power consumption ¹⁾	System efficacy	Size	Order No.
STARK-SLE-2000-PRE-KIT	LMAI + SLE-2000 with housing	2,700K – 6,500K Tunable White	SDCM 3	2,050lm	> 90	31.7W	65lm/W	Ø 50mm	89601316
STARK-SLE-1400-PRE-KIT	LMAI + SLE-1400 with housing	2,700K – 6,500K Tunable White	SDCM 3	1,350lm	> 90	22.2W	61lm/W	Ø 50mm	89601317

¹⁾Tolerance range for electrical and optical data: ±10%

Typical application



▼ At a glance: TALEXengine FLE

- ___ Luminous flux range from 4,500 – 21,100 lm
- ___ High efficiency up to 142 lm/W for the LED module
- ___ High system efficiency up to 115 lm/W at $t_p = 65\text{ °C}$
- ___ Light Emitting Surface (LES) 30 up to 10,000 lumen
- ___ Light Emitting Surface (LES) 40 up to 18,600 lumen
- ___ High colour consistency (MacAdams 3)
- ___ Reliable TALEXdriver (100W and 240W)
- ___ Excellent thermal management by COB technology
- ___ Uniform radiation with Dam&Fill technology
- ___ Long service life: luminous flux up to 90 % after 50,000 hours of operation
- ___ System guarantee: 5 years

TALEXengine FLE ADVANCED

TALEXmodule	Order No.	Colourtemperature	CRI	Typ. luminous flux ¹⁾ Operation mode			Typ. power consumption ¹⁾ Operation mode			System-/ Module efficiency	Size
				High Efficiency	nominal	High Output	High Efficiency	nominal	High Output		
STARK FLE G1 LES30-830-CLA	89601873	3,000K	> 80	4,500lm	6,600lm	8,000lm	44.3W	72.4W	93.5W	up to 92 lm/W up to 102 lm/W	48x64mm
STARK FLE G1 LES30-840-CLA	89601874	4,000K	> 80	5,150lm	7,500lm	8,950lm	44.3W	72.4W	93.5W	up to 104 lm/W up to 116 lm/W	48x64mm
STARK FLE G1 LES30-765-IND	89601875	6,500K	> 70	5,650lm	8,200lm	9,850lm	44.3W	72.4W	93.5W	up to 115 lm/W up to 128 lm/W	48x64mm
STARK FLE G1 LES40-830-CLA	89601876	3,000K	> 80	8,650lm	12,150lm	15,500lm	80.5W	124.5W	174.7W	up to 96 lm/W up to 107 lm/W	48x64mm
STARK FLE G1 LES40-840-CLA	89601877	4,000K	> 80	9,400lm	13,200lm	16,800lm	80.5W	124.5W	174.7W	up to 105 lm/W up to 117 lm/W	48x64mm
STARK FLE G1 LES40-765-IND	89601878	6,500K	> 70	10,300lm	14,500lm	18,550lm	80.5W	124.5W	174.7W	up to 115 lm/W up to 128 lm/W	48x64mm

¹⁾Tolerance range for electrical data: ±10 %

Matching TALEXdriver

TALEXmodule	Order No.	TALEXdriver dimming			TALEXdriver non-dimming			
		LCAI 100W 900-1750mA ECO C Order No. 28000137	LCAI 100W 900-1750mA ECO SR Order No. 28000256	LCAI 100W 350-900mA ECO INDUSTRY Order No. 28000349	LCI 100W 900-1750mA TOP C Order No. 28000203	LCI 100W 900-1750mA TOP SR Order No. 28000204	LCI 100W 350mA-900mA TOP INDUSTRY sl Order No. 28000538	LCI 240W 2250-4450mA C Order No. 28000350
STARK FLE G1 LES30-830-CLA	89601873	■	■	■	■	■	■	
STARK FLE G1 LES30-840-CLA	89601874	■	■	■	■	■	■	
STARK FLE G1 LES30-765-IND	89601875	■	■	■	■	■	■	
STARK FLE G1 LES40-830-CLA	89601876							■
STARK FLE G1 LES40-840-CLA	89601877							■
STARK FLE G1 LES40-765-IND	89601878							■

TALEXengine QLE

A square deal – great flexibility and even greater efficiency

The square design is an ideal basis for equipping linear or square fixtures. The new 20% more efficient generation achieves a luminous efficacy of up to 167 lm/W. For the same amount of light and therefore the same planning basis the power consumption is reduced and colour continuity is optimised for MacAdam 3.

TALEXengine QLE combines well with its linear TALEXengine LLE sister products. It is therefore very easy to implement new design concepts. Up to six LED modules can be operated with just one LED Driver.

Product Portfolio – Overview

ADVANCED-SE

Best value for money

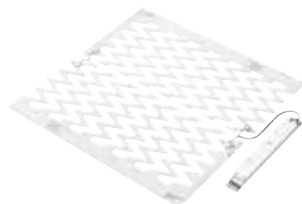
Static White in
3,000K, 4,000K and 5,000K
with a CRI > 80



ADVANCED

Simplicity itself

Static White in
3,000K, 4,000K and 5,000K
with a CRI > 80



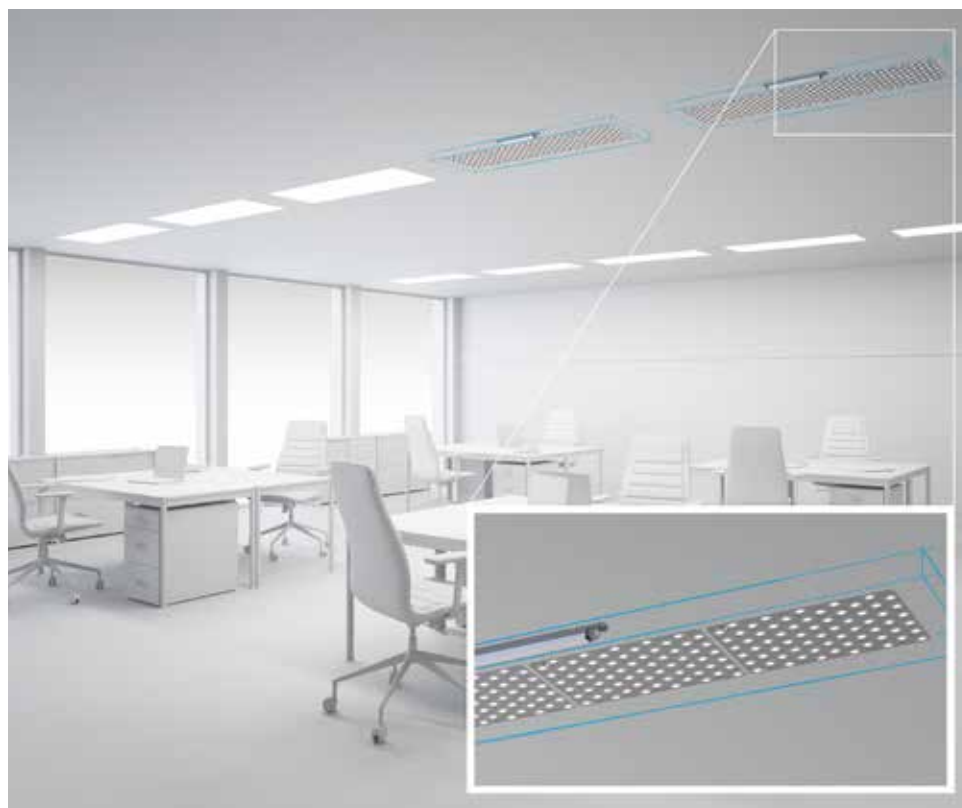
PREMIUM

Convenient

Tunable White
(2,700K–6,500K)
with a CRI > 90



Typical applications



TALEXengine QLE ADVANCED-SE

TALEXmodule	Colour temperature	Mac Adam	Luminous flux ¹⁾	CRI	Typ. power consumption ¹⁾	Module efficacy ¹⁾ tp = 45°C	Size	Order No.
QLE G1 488x239mm 2500lm 830 ADV-SE	3,000K	SDCM 3	2,560lm	> 80	18.8W	up to 137lm/W	488 x 239mm	89600862
QLE G1 488x239mm 2500lm 840 ADV-SE	4,000K	SDCM 3	2,640lm	> 80	18.8W	up to 141lm/W	488 x 239mm	89600863
QLE G1 488x239mm 2500lm 850 ADV-SE	5,000K	SDCM 3	2,860lm	> 80	18.8W	up to 152lm/W	488 x 239mm	89600877 ²⁾

¹⁾Tolerance range for optical and electrical data: ±10 %, 350mA operation; ²⁾Purchase to order

QLE G2 380x380mm 5000lm 840 ADV-SE	3,000K	SDCM 3	4,600lm	> 80	34.1W	up to 135lm/W	380 x 380mm	89602156
QLE G2 380x380mm 5000lm 840 ADV-SE	4,000K	SDCM 3	5,020lm	> 80	34.1W	up to 147lm/W	380 x 380mm	89602157

¹⁾Tolerance range for optical and electrical data: ±10 %, 1,050mA operation

TALEXengine QLE ADVANCED

TALEXmodule	Colour temperature	Mac Adam	Typical luminous flux ¹⁾	CRI	Typ. power consumption ¹⁾	Module efficacy ¹⁾ tp = 45°C	Size	Order No.
QLE G4 488x237mm 2500lm 830 ADV	3,000K	SDCM 3	2,430lm	> 80	14.6W	up to 166lm/W	488 x 237mm	89602377
QLE G4 488x237mm 2500lm 840 ADV	4,000K	SDCM 3	2,590lm	> 80	14.6W	up to 177lm/W	488 x 237mm	89602378
QLE G4 488x237mm 2500lm 850 ADV	5,000K	SDCM 3	2,590lm	> 80	14.6W	up to 177lm/W	488 x 237mm	89602379

¹⁾Tolerance range for optical and electrical data: ±10 %, 325mA operation

TALEXengine QLE PREMIUM

Type	Colour temperature	Typ. luminous flux ¹⁾	CRI	Typ. power consumption ¹⁾	Module efficacy	Size per module	Order No.
TW QLE G1 270mm 4x1250lm 830-860 PRE KIT (1 LED Driver + 4 LED module à 1.250lm)	3.000–6.000K Tunable White	5.120lm	> 80	38,7W	up to 132lm/W (System)	270 x 270mm	89600647
TW QLE G1 270mm 5x1250lm 830-860 PRE KIT* (1 LED Driver + 5 LED module à 1.250 lm)	3.000–6.000K Tunable White	6.400lm	> 80	tbd	up to 132lm/W (System)	270 x 270mm	In preparation
TW QLE G1 270mm 6x1250lm 830-860 PRE KIT* (1 LED Driver + 6 LED module à 1.250 lm)	3.000–6.000K Tunable White	7.680lm	> 80	tbd	up to 132lm/W (System)	270 x 270mm	In preparation
TW QLE G1 270mm 1250lm 827-865 PRE (LED module)	2.700K	1.290lm	> 80	9,1W	up to 142lm/W (Module)	270 x 270mm	89600648
	6.500K	1.430lm	> 80	9,1W	up to 156lm/W (Module)	270 x 270mm	

*Coming soon. Preliminary data. ¹⁾Tolerance range for optical data: ±5 %, Tolerance range for electrical data: ±15 %, tp = 45 °C

TALEXengine LLE

Efficient. Flexible. Linear.

As an LED system with a broad product range the third generation of the linear TALEXengine LLE is perfect for switching from T5 and T8 luminaires to modern LED technology.

The TALEXmodule LLE covers all the usual requirements in terms of lumen packages, color rendering and lengths. Even if several modules are placed next to one another the surface remains perfectly homogeneous. For each module in the third system generation there is obviously the appropriate LED Driver, both fixed output and digital dimmable.

Product Portfolio – Overview

ESSENCE	ADVANCED-SE	ADVANCED	EXCITE	PREMIUM
Cost-effective Static White in 3,000K, 4,000K and 6,500K with a CRI > 80	Best value for money Static White in 2.700K, 3.000K, 3.500K, 4.000K und 6.500K with a CRI > 80	Simplicity itself Static White in 3,000K, 4,000K, 5,000K with a CRI > 80	Flexible Static White in 3,000K and 4,000K with a CRI > 90	Convenient Tunable White 2,700K – 6,500K with a CRI > 80
				

Typical applications



TALEXengine LLE ESSENCE

Type	Colour temperature	Mac Adam	Typ. luminous flux ¹⁾	CRI	Typ. power draw ¹⁾	Module efficacy ¹⁾ tp = 65°C	Size	Order No.
LLE G1 24x280mm 650lm 830 SNC	3,000K	SDCM 4	600lm	> 80	5.3 W	up to 113lm/W	24x280mm	89602089
LLE G1 24x280mm 650lm 840 SNC	4,000K	SDCM 4	660lm	> 80	5.3 W	up to 125lm/W	24x280mm	89602090
LLE G1 24x280mm 650lm 865 SNC	6,500K	SDCM 4	670lm	> 80	5.3 W	up to 126lm/W	24x280mm	89602125
LLE G1 24x280mm 1250lm 830 SNC	3,000K	SDCM 4	1,120lm	> 80	9.2 W	up to 122lm/W	24x280mm	89602091
LLE G1 24x280mm 1250lm 840 SNC	4,000K	SDCM 4	1,220lm	> 80	9.2 W	up to 133lm/W	24x280mm	89602092
LLE G1 24x280mm 1250lm 865 SNC	6,500K	SDCM 4	1,220lm	> 80	9.2 W	up to 133lm/W	24x280mm	89602126
LLE G1 24x560mm 1300lm 830 SNC	3,000K	SDCM 4	1,210lm	> 80	10.5 W	up to 115lm/W	24x560mm	89602093
LLE G1 24x560mm 1300lm 840 SNC	4,000K	SDCM 4	1,310lm	> 80	10.5 W	up to 125lm/W	24x560mm	89602094
LLE G1 24x560mm 1300lm 865 SNC	6,500K	SDCM 4	1,330lm	> 80	10.5 W	up to 127lm/W	24x560mm	89602115
LLE G1 24x560mm 2400lm 830 SNC	3,000K	SDCM 4	2,230lm	> 80	18.3 W	up to 122lm/W	24x560mm	89602095
LLE G1 24x560mm 2400lm 840 SNC	4,000K	SDCM 4	2,430lm	> 80	18.3 W	up to 133lm/W	24x560mm	89602096
LLE G1 24x560mm 2400lm 865 SNC	6,500K	SDCM 4	2,430lm	> 80	18.3 W	up to 133lm/W	24x560mm	89602127

¹⁾Tolerance range for optical and electrical data ±10%; ²⁾Purchase to order

TALEXengine LLE ADVANCED-SE

Type	Colour-temperature	Mac Adam	Typ. luminous flux ¹⁾	CRI	Typ. power draw ¹⁾	Module efficacy ¹⁾ tp = 65°C	Size	Order No.
LLE G1 24x280mm 650lm 827 ADV-SE	2,700K	SDCM 3	650lm	> 80	5.3W	up to 123lm/W	24 x 280mm	89600674
LLE G1 24x280mm 650lm 830 ADV-SE	3,000K	SDCM 3	600lm	> 80	5.3W	up to 113lm/W	24 x 280mm	89602128
LLE G1 24x280mm 650lm 835 ADV-SE	3,500K	SDCM 3	730lm	> 80	5.3W	up to 138lm/W	24 x 280mm	89600675 ²⁾
LLE G1 24x280mm 650lm 840 ADV-SE	4,000K	SDCM 3	660lm	> 80	5.3W	up to 125lm/W	24 x 280mm	89602129
LLE G1 24x280mm 650lm 865 ADV-SE	6,500K	SDCM 3	670lm	> 80	5.3W	up to 126lm/W	24 x 280mm	89602130
LLE G1 24x280mm 1250lm 827 ADV-SE	2,700K	SDCM 3	1,160lm	> 80	8.7 W	up to 133lm/W	24 x 280mm	89600677
LLE G1 24x280mm 1250lm 830 ADV-SE	3,000K	SDCM 3	1,130lm	> 80	8.9 W	up to 127lm/W	24 x 280mm	89602131
LLE G1 24x280mm 1250lm 835 ADV-SE	3,500K	SDCM 3	1,290lm	> 80	8.7 W	up to 145lm/W	24 x 280mm	89600678 ²⁾
LLE G1 24x280mm 1250lm 840 ADV-SE	4,000K	SDCM 3	1,240lm	> 80	8.9 W	up to 138lm/W	24 x 280mm	89602132
LLE G1 24x280mm 1250lm 865 ADV-SE	6,500K	SDCM 3	1,240lm	> 80	8.9 W	up to 138lm/W	24 x 280mm	89602133
LLE G1 24x560mm 1300lm 827 ADV-SE	2,700K	SDCM 3	1,290lm	> 80	10.6W	up to 122lm/W	24 x 560mm	89600856
LLE G1 24x560mm 1300lm 830 ADV-SE	3,000K	SDCM 3	1,210lm	> 80	10.5W	up to 115lm/W	24 x 560mm	89602134
LLE G1 24x560mm 1300lm 835 ADV-SE	3,500K	SDCM 3	1,450lm	> 80	10.6W	up to 137lm/W	24 x 560mm	89600857 ²⁾
LLE G1 24x560mm 1300lm 840 ADV-SE	4,000K	SDCM 3	1,310lm	> 80	10.5W	up to 125lm/W	24 x 560mm	89602135
LLE G1 24x560mm 1300lm 865 ADV-SE	6,500K	SDCM 3	1,330lm	> 80	10.5W	up to 127lm/W	24 x 560mm	89602136
LLE G1 24x560mm 2400lm 827 ADV-SE	2,700K	SDCM 3	2,320lm	> 80	17.4 W	up to 133lm/W	24 x 560mm	89600859
LLE G1 24x560mm 2400lm 830 ADV-SE	3,000K	SDCM 3	2,270lm	> 80	17.8 W	up to 127lm/W	24 x 560mm	89602137
LLE G1 24x560mm 2400lm 835 ADV-SE	3,500K	SDCM 3	2,580lm	> 80	17.4 W	up to 144lm/W	24 x 560mm	89600860 ²⁾
LLE G1 24x560mm 2400lm 840 ADV-SE	4,000K	SDCM 3	2,470lm	> 80	17.8 W	up to 139lm/W	24 x 560mm	89602138
LLE G1 24x560mm 2400lm 865 ADV-SE	6,500K	SDCM 3	2,470lm	> 80	17.8 W	up to 139lm/W	24 x 560mm	89602139

¹⁾Tolerance range for optical and electrical data ±10%; ²⁾Purchase to order

TALEXengine LLE ADVANCED

Type	Colour temperature	Mac Adam	Typ. luminous flux ¹⁾	CRI	Typ. power draw ¹⁾	Module efficacy ¹⁾ tp = 65°C	Size	Order No.
TALEXmodule LLE 55 ADVANCED								
LLE-55-280-1650-840-CLA	4,000K	SDCM 3	1,490lm	> 80	10.2W	up to 146lm/W	280 x 55 mm	89602022
TALEXmodule LLE 35 ADVANCED								
STARK LLE35-G2-1250-830-CLA	3,000K	SDCM 3	1,180lm	> 80	9.8W	up to 120lm/W	270 x 35 mm	28000140
STARK-LLE35-G2-1250-840-CLA	4,000K	SDCM 3	1,250lm	> 80	9.8W	up to 128lm/W	270 x 35 mm	28000141
TALEXmodule LLE 24 ADVANCED								
LLE G4 24x140mm 325lm 830 2T ADV	3,000K	SDCM 3	300lm	> 80	1.8W	up to 162lm/W	140 x 24 mm	28001466
LLE G4 24x140mm 325lm 840 2T ADV	4,000K	SDCM 3	310lm	> 80	1.8W	up to 170lm/W	140 x 24 mm	28001467
LLE G4 24x140mm 325lm 850 2T ADV	5,000K	SDCM 3	320lm	> 80	1.8W	up to 172lm/W	140 x 24 mm	28001468
LLE G4 24x140mm 650lm 830 2T ADV	3,000K	SDCM 3	600lm	> 80	3.7W	up to 162lm/W	140 x 24 mm	28001481
LLE G4 24x140mm 650lm 840 2T ADV	4,000K	SDCM 3	630lm	> 80	3.7W	up to 170lm/W	140 x 24 mm	28001482
LLE G4 24x140mm 650lm 850 2T ADV	5,000K	SDCM 3	630lm	> 80	3.7W	up to 172lm/W	140 x 24 mm	28001483
LLE G4 24x280mm 650lm 830 2T ADV	3,000K	SDCM 3	600lm	> 80	3.7W	up to 162lm/W	280 x 24 mm	28001471
LLE G4 24x280mm 650lm 840 2T ADV	4,000K	SDCM 3	630lm	> 80	3.7W	up to 170lm/W	280 x 24 mm	28001472
LLE G4 24x280mm 650lm 850 2T ADV	5,000K	SDCM 3	630lm	> 80	3.7W	up to 172lm/W	280 x 24 mm	28001473
LLE G4 24x280mm 1250lm 830 2T ADV	3,000K	SDCM 3	1,190lm	> 80	7.4W	up to 162lm/W	280 x 24 mm	28001486
LLE G4 24x280mm 1250lm 840 2T ADV	4,000K	SDCM 3	1,250lm	> 80	7.4W	up to 170lm/W	280 x 24 mm	28001487
LLE G4 24x280mm 1250lm 850 2T ADV	5,000K	SDCM 3	1,260lm	> 80	7.4W	up to 172lm/W	280 x 24 mm	28001488
LLE G4 24x560mm 1300lm 830 2T ADV	3,000K	SDCM 3	1,190lm	> 80	7.4W	up to 162lm/W	560 x 24 mm	28001476
LLE G4 24x560mm 1300lm 840 2T ADV	4,000K	SDCM 3	1,250lm	> 80	7.4W	up to 170lm/W	560 x 24 mm	28001477
LLE G4 24x560mm 1300lm 850 2T ADV	5,000K	SDCM 3	1,260lm	> 80	7.4W	up to 172lm/W	560 x 24 mm	28001478
LLE G4 24x560mm 2400lm 830 2T ADV	3,000K	SDCM 3	2,380lm	> 80	14.7W	up to 162lm/W	560 x 24 mm	28001491
LLE G4 24x560mm 2400lm 840 2T ADV	4,000K	SDCM 3	2,500lm	> 80	14.7W	up to 170lm/W	560 x 24 mm	28001492
LLE G4 24x560mm 2400lm 850 2T ADV	5,000K	SDCM 3	2,530lm	> 80	14.7W	up to 172lm/W	560 x 24 mm	28001493
TALEXmodule LLE 24 ADVANCED 2000lm								
LLE G4 24x280mm 2000lm 830 2T ADV	3,000K	SDCM 3	1,910lm	> 80	12.0W	up to 159lm/W	280 x 24 mm	28001496
LLE G4 24x280mm 2000lm 840 2T ADV	4,000K	SDCM 3	2,000lm	> 80	12.0W	up to 167lm/W	280 x 24 mm	28001497
LLE G4 24x280mm 2000lm 850 2T ADV	5,000K	SDCM 3	2,020lm	> 80	12.0W	up to 169lm/W	280 x 24 mm	28001498
TALEXmodule LLE 24 ADVANCED 4000lm								
LLE G4 24x560mm 4000lm 830 2T ADV	3,000K	SDCM 3	3,810lm	> 80	23.9W	up to 159lm/W	560 x 24 mm	28001501
LLE G4 24x560mm 4000lm 840 2T ADV	4,000K	SDCM 3	4,000lm	> 80	23.9W	up to 167lm/W	560 x 24 mm	28001502
LLE G4 24x560mm 4000lm 850 2T ADV	5,000K	SDCM 3	4,040lm	> 80	23.9W	up to 169lm/W	560 x 24 mm	28001503
TALEXmodule LLE 16 ADVANCED								
LLE G3 16x140mm 325lm 830 ADV	3,000K	SDCM 3	340lm	> 80	2.5W	up to 136lm/W	140 x 16 mm	89602054
LLE G3 16x140mm 325lm 840 ADV	4,000K	SDCM 3	370lm	> 80	2.5W	up to 148lm/W	140 x 16 mm	89602055
LLE G3 16x280mm 650lm 830 ADV	3,000K	SDCM 3	675lm	> 80	5.1W	up to 132lm/W	280 x 16 mm	89602058
LLE G3 16x280mm 650lm 840 ADV	4,000K	SDCM 3	740lm	> 80	5.1W	up to 145lm/W	280 x 16 mm	89602059
LLE G3 16x140mm 650lm 830 ADV	3,000K	SDCM 3	655lm	> 80	5.2W	up to 126lm/W	140 x 16 mm	89602056
LLE G3 16x140mm 650lm 840 ADV	4,000K	SDCM 3	720lm	> 80	5.2W	up to 138lm/W	140 x 16 mm	89602057
LLE G3 16x280mm 1250lm 830 ADV	3,000K	SDCM 3	1,290lm	> 80	10.5W	up to 123lm/W	280 x 16 mm	89602060
LLE G3 16x280mm 1250lm 840 ADV	4,000K	SDCM 3	1,420lm	> 80	10.5W	up to 135lm/W	280 x 16 mm	89602061

¹⁾ Tolerance range for optical and electrical data ±10%.

TALEXengine LLE EXCITE

Type	Colour temperature	Mac Adam	Typ. luminous flux ¹⁾	CRI	Typ. power draw ¹⁾	Module efficacy ¹⁾ tp = 65°C	Size	Order No.
LLE G3 24-140-650-930-SEL	3,000K	SDCM 3	620lm	> 90	5.2W	up to 118lm/W	140 x 24mm	28001031
LLE G3 24-140-650-940-SEL	4,000K	SDCM 3	650lm	> 90	5.2W	up to 124lm/W	140 x 24mm	28001032
LLE G3 24-280-1250-930-SEL	3,000K	SDCM 3	1,130lm	> 90	9.6W	up to 118lm/W	280 x 24mm	28000352
LLE G3 24-280-1250-940-SEL	4,000K	SDCM 3	1,190lm	> 90	9.6W	up to 124lm/W	280 x 24mm	28000353

¹⁾Tolerance range for optical and electrical data ±10%, operating mode at 350mA

TALEXengine LLE PREMIUM

Type	System components	Colour-temperature	Typ. luminous flux ¹⁾	CRI	Typ. power draw ¹⁾	Module efficacy	Size per module	Order No.
STARK LLE 3x24-280-700-830-860-PRE-KIT	1 LED Driver + 3 LED modules	3,000–6,000K Tunable White	2,000lm	> 80	20W	up to 100lm/W	280 x 24mm	89601896
STARK LLE 4x24-280-700-830-860-PRE-KIT	1 LED Driver + 4 LED modules	3,000–6,000K Tunable White	2,650lm	> 80	26W	up to 102lm/W	280 x 24mm	89601897
STARK LLE 5x24-280-700-830-860-PRE-KIT	1 LED Driver + 5 LED modules	3,000–6,000K Tunable White	3,350lm	> 80	32W	up to 105lm/W	280 x 24mm	89601898
STARK LLE 3x24-280-1500-830-860-PRE-KIT	1 LED Driver + 3 LED modules	3,000–6,000K Tunable White	4,300lm	> 80	40W	up to 108lm/W	280 x 24mm	89601899
STARK LLE 4x24-280-1500-830-860-PRE-KIT	1 LED Driver + 4 LED modules	3,000–6,000K Tunable White	5,700lm	> 80	52W	up to 110lm/W	280 x 24mm	89601900
STARK LLE 5x24-280-1500-830-860-PRE-KIT	1 LED Driver + 5 LED modules	3,000–6,000K Tunable White	7,500lm	> 80	63W	up to 114lm/W	280 x 24mm	89601901


¹⁾Tolerance range for optical data: ±5% and tolerance range for electrical data: ±15%.

TALEXmodule LLE PREMIUM

Type	Mac Adam	Colour-temperature	Typ. luminous flux ¹⁾	CRI	Size	Order No.
TW LLE G1 24x280mm 700lm 827-865 PRE*	SDCM 3	2,700K	700lm	> 80	280 x 24mm	89602390
	SDCM 3	6,500K	700lm	> 80	280 x 24mm	
TW LLE G1 24x280mm 1500lm 827-865 PRE*	SDCM 3	2,700K	1,500lm	> 80	280 x 24mm	89602391
	SDCM 3	6,500K	1,500lm	> 80	280 x 24mm	

*Coming soon. Preliminary data. ¹⁾Tolerance range for optical data: ±5% and tolerance range for electrical data: ±15%.

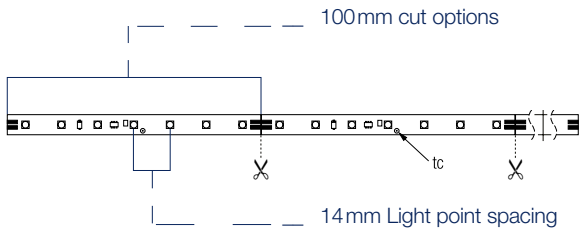
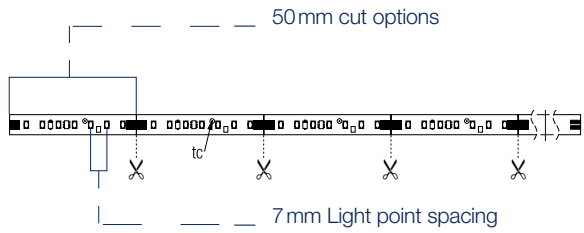
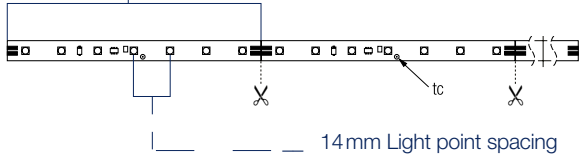
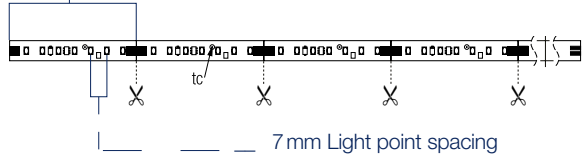
Matching TALEXdriver (in each KIT included)

TALEXdriver LCAI 38W TW Ip	TALEXdriver LCAI 75W TW Ip
 <p>Size: 360 x 30 x 21 mm 3–5 LLE modules à 700lm</p>	 <p>Size: 360 x 30 x 21 mm 3–5 LLE modules à 1,500lm</p>

Homogeneous light from the reel

The extremely efficient TALEXmodule 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 TALEXdriver LCA 100W from Tridonic – TALEXmodule LLE-FLEX is the perfect system solution. Lighting solutions based on the fixed-output or dimmable LED strip can be very long indeed.

Feature	LLE-FLEX ADV	LLE-FLEX EXC Short-pitch
Dimensions (LxBxH)	4.800x8x2mm	4.800x8x2mm
Luminous flux	600lm, 1.200lm, 1.800lm	600lm, 1.200lm, 1.800lm, 2.500lm
Colour temperature	3.000K, 4.000K und 6.500K mit SDCM 5	2.700K, 3.000K, 4.000K und 6.500K mit SDCM 3
Module efficiency	130lm/W	120lm/W
Colour rendering index	CRI >80	CRI >90
Cut options	 <p>100mm cut options</p>	 <p>50mm cut options</p>
Light point spacing	 <p>14mm Light point spacing</p>	 <p>7mm Light point spacing</p>

Main applications

▼ Cove lighting

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



▼ General illumination

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



▼ Profile lighting

- Shelf lighting
- Accent lighting
- Furniture lighting



TALEXengine LLE-FLEX

Type	Colour temperature	Mac Adam	Typ. luminous flux tp = 65 °C ¹⁾	CRI	Typ. power consumption tp = 65 °C ¹⁾	Luminous efficacy of module tp = 65 °C	Order No.
STARK LLE-FLEX-8-4800-600-830	3,000K	SDCM 5	510lm/m	> 80	4.3W/m	116lm/W	28000629
STARK LLE-FLEX-8-4800-600-840	4,000K	SDCM 5	510lm/m	> 80	4.3W/m	116lm/W	28000630
STARK LLE-FLEX-8-4800-600-765	6,500K	SDCM 5	510lm/m	> 70	3.9W/m	130lm/W	28000631
STARK LLE-FLEX-8-4800-1200-830	3,000K	SDCM 5	1,020lm/m	> 80	8.9W/m	114lm/W	28000632
STARK LLE-FLEX-8-4800-1200-840	4,000K	SDCM 5	1,020lm/m	> 80	8.9W/m	114lm/W	28000633
STARK LLE-FLEX-8-4800-1200-765	6,500K	SDCM 5	1,020lm/m	> 70	8.1 W/m	124lm/W	28000634
STARK LLE-FLEX-8-4800-1800-830	3,000K	SDCM 5	1,530lm/m	> 80	13.8W/m	111 lm/W	28000635
STARK LLE-FLEX-8-4800-1800-840	4,000K	SDCM 5	1,530lm/m	> 80	13.8W/m	111 lm/W	28000636
STARK LLE-FLEX-8-4800-1800-765	6,500K	SDCM 5	1,530lm/m	> 70	12.5W/m	121 lm/W	28000637

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

▼ At a glance: TALEXmodule LLE-FLEX

EXCITE

TALEXengine LLE-FLEX EXC Short-pitch

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

Matching TALEXdriver

TALEXdriver REMOTE dimming




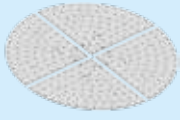
LED 0025 K210 24V	28000858	LCU 150/24 E020 120-240V	24166333
LED 0025 K211 24V	28000852	LCU 35W 24V SR TOP	28000411
LCA 100W 24V one4all SC PRE	28001253	LCU 60W 24V SR TOP	28000412
TALEXdriver IN-BUILT non-dimming		LCU 96W 24V SR TOP	28000413
LED 0025 K201 24VDC 25VA	28000849	LCU 180W 24V SR TOP	28000414

LCU 035/24 E020 120-240V	24166320
LCU 060/24 E020 120-240V	24166324
LCU 100/24 E020 120-240V	24166328

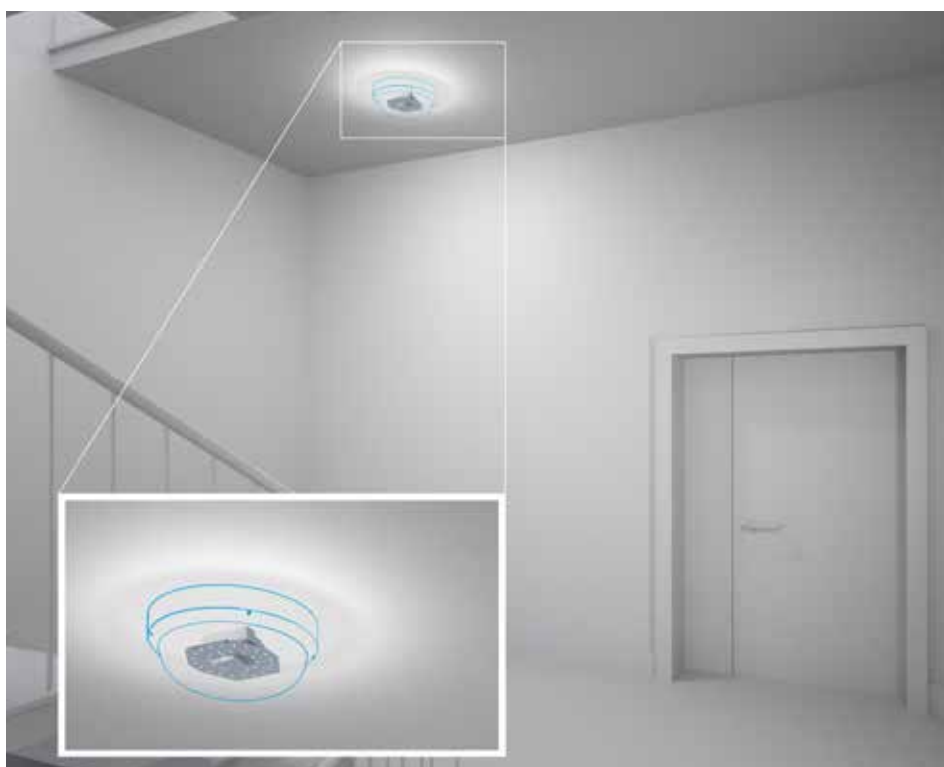
System solution for wall and ceiling luminaires

TALEXmodule CLE provides perfectly homogeneous illumination in round and square luminaires with no shadow effects. As an efficient, high-quality and user-friendly system solution, CLE is the ideal replacement for ring-shaped and TC DD fluorescent lamps. In combination with the EM powerLED emergency lighting system, TALEXmodule CLE performs the functions of an emergency luminaire. In addition, thanks to SWITCH Sensor HF a simple CORRIDOR FUNCTION (CF) is available for stepless dimming.

Product Portfolio – Overview

	TALEXengine CLE		TALEXengine CLE integrated	TALEXengine CLE Quadrant Lens	TALEXengine CLE Quadrant
					
	on page 3		on page 6	on page 8	on page 9
CLE Type	CLE 80–160 mm	CLE 190–315 mm	CLE AC 160mm-220mm	CLE Quadrant Lens	CLE Quadrant
Application	Diffuse Downlights	Decorative wall luminaires	Diffuse Downlights, Decorative wall luminaires	Pendant and surface-mounted ceiling luminaires	Pendant and surface-mounted ceiling luminaires
Mounting depth	>50 mm	>50 mm	>50 mm	>50 mm	>50 mm
Variants	80, 120, 130 mm	160, 190, 220, 315 mm	160 mm, 220 mm	472, 752, 1,032 mm	522, 802, 1,082 mm
Driver	Cost	Cost	Cost	Design/Trend	Design/Trend

Typical applications



TALEXmodule CLE for diffused LED downlights and wall luminaires

Type	Colour temperature	Mac Adam	Typ. luminous flux ¹⁾ Operation mode tp = 65°C	Typ. power draw ¹⁾ Operation mode tp = 65°C	Module efficacy tp = 65°C	Size	Order No.
STARK CLE-80-1000-830-CLA	3,000K	SDCM 3	930lm	7.5 W	up to 124lm/W	Ø 80mm	89602001
STARK CLE-80-1000-840-CLA	4,000K	SDCM 3	1,020lm	7.5 W	up to 136lm/W	Ø 80mm	89602002
STARK CLE-80-2000-830-CLA	3,000K	SDCM 3	1,860lm	14.9 W	up to 125lm/W	Ø 80mm	89602003
STARK CLE-80-2000-840-CLA	4,000K	SDCM 3	2,040lm	14.9 W	up to 137lm/W	Ø 80mm	89602004
STARK CLE-120-2000-830-CLA	3,000K	SDCM 3	1,980lm	17.7 W	up to 112lm/W	Ø 120mm	89600431
STARK CLE-120-2000-840-CLA	4,000K	SDCM 3	1,980lm	17.7 W	up to 112lm/W	Ø 120mm	89600432
STARK CLE-130-2000-830-CLA	3,000K	SDCM 3	2,480lm	22.1 W	up to 112lm/W	Ø 130mm	89601924
STARK CLE-130-2000-840-CLA	4,000K	SDCM 3	2,480lm	22.1 W	up to 112lm/W	Ø 130mm	89601925
CLE-G2-160-3000-830-CLA	3,000K	SDCM 3	2,830lm	23.1 W	up to 123lm/W	Ø 160mm	89602005
CLE-G2-160-3000-840-CLA	4,000K	SDCM 3	3,100lm	23.1 W	up to 134lm/W	Ø 160mm	89602006

¹⁾Tolerance range for optical and electrical data ±10%

TALEXmodule CLE for decorative wall luminaires

Type	Colour temperature	Mac Adam	Typ. luminous flux ¹⁾ Operation mode tp = 65°C		Typ. power draw ¹⁾ Operation mode tp = 65°C		System-/Module efficacy tp = 65°C	Size	Order No.
			High Efficiency	High Output	High Efficiency	High Output			
CLE G2 190mm 1500lm 830 ADV EM	3,000K	SDCM 3	1,300lm	1,790lm	9.2 W	13.8 W	up to 141lm/W	Ø 190mm	89600437
CLE G2 190mm 1500lm 840 ADV EM	4,000K	SDCM 3	1,420lm	1,950lm	9.2 W	13.8 W	up to 154lm/W	Ø 190mm	89600570
CLE G2 190mm 1500lm 830 ADV EM SO	3,000K	SDCM 3	1,300lm	1,790lm	9.2 W	13.8 W	up to 141lm/W	Ø 190mm	89600571
CLE G2 190mm 1500lm 840 ADV EM SO	4,000K	SDCM 3	1,420lm	1,950lm	9.2 W	13.8 W	up to 154lm/W	Ø 190mm	89600572
CLE G2 220mm 1500lm 830 ADV EM	3,000K	SDCM 3	1,355lm	1,860lm	9.2 W	13.9 W	up to 141lm/W	Ø 220mm	89602097
CLE G2 220mm 1500lm 840 ADV EM	4,000K	SDCM 3	1,355lm	1,860lm	9.2 W	13.9 W	up to 154lm/W	Ø 220mm	89602098
CLE G2 220mm 1500lm 830 ADV EM SO	3,000K	SDCM 3	1,355lm	1,860lm	9.2 W	13.9 W	up to 141lm/W	Ø 220mm	89602099
CLE G2 220mm 1500lm 840 ADV EM SO	4,000K	SDCM 3	1,355lm	1,860lm	9.2 W	13.9 W	up to 154lm/W	Ø 220mm	89602100
CLE G2 315mm 4000lm 830 ADV EM	3,000K	SDCM 3	2,710lm	3,905lm	18.4 W	29.4 W	up to 141lm/W	Ø 315mm	89602101
CLE G2 315mm 4000lm 840 ADV EM	4,000K	SDCM 3	2,710lm	3,905lm	18.4 W	29.4 W	up to 134lm/W	Ø 315mm	89602102
CLE G2 315mm 4000lm 830 ADV EM SO	3,000K	SDCM 3	2,710lm	3,905lm	18.4 W	29.4 W	up to 134lm/W	Ø 315mm	89602103
CLE G2 315mm 4000lm 840 ADV EM SO	4,000K	SDCM 3	2,710lm	3,905lm	18.4 W	29.4 W	up to 134lm/W	Ø 315mm	89602104

¹⁾Tolerance range for optical and electrical data ±10%

TALEXengine CLE Integrated

TALEX(module)	Colour temperature	Mac Adam	Typ. luminous flux	CRI	Typ. power draw	System-efficiency	Order No.
CLE-AC-160-1500-830-CLA	3,000K	SDCM 3	1,450lm	> 80	14.5W	100lm/W	89800421
CLE-AC-160-1500-840-CLA	4,000K	SDCM 3	120lm	> 80	14.5W	100lm/W	89800422
CLE-AC-160-1500-830-CLA EM-CF	3,000K	SDCM 3	120lm	> 80	-	-	89800423
CLE-AC-160-1500-840-CLA EM-CF	4,000K	SDCM 3	1,450lm	> 80	-	-	89800424
CLE AC G2 220mm 2500lm 830 ADV*	3,000K	SDCM 3	2,500lm	> 80	20.8W	120lm/W	89800515
CLE AC G2 220mm 2500lm 840 ADV*	4,000K	SDCM 3	2,500lm	> 80	20.8W	120lm/W	89800516
CLE AC G2 220mm 2500lm 830 ADV EM-CF*	3,000K	SDCM 3	2,500lm	> 80	20.8W	120lm/W	89800517
CLE AC G2 220mm 2500lm 840 ADV EM-CF*	4,000K	SDCM 3	2,500lm	> 80	20.8W	120lm/W	89800518

*Coming soon. Preliminary data.

TALEXengine CLE Quadrant Lens

Type	Colour temperature	Mac Adam	Typ. luminous flux ¹⁾	CRI	Typ. power draw ¹⁾	Module efficacy	Order No.
CLE Quadrant Lens G1 236mm 900lm 830 ADV	3,000K	SDCM 3	890lm	> 80	6.6W	135lm/W	28001207
CLE Quadrant Lens G1 236mm 900lm 840 ADV	4,000K	SDCM 3	940lm	> 80	6.6W	142lm/W	28001208
CLE Quadrant Lens G1 376mm 2100lm 830 ADV	3,000K	SDCM 3	2,060lm	> 80	15.4W	134lm/W	28001209
CLE Quadrant Lens G1 376mm 2100lm 840 ADV	4,000K	SDCM 3	2,200lm	> 80	15.4W	142lm/W	28001210
CLE Wing Lens G1 516mm 900lm 830 ADV	3,000K	SDCM 3	890lm	> 80	6.6W	135lm/W	28001211
CLE Wing Lens G1 516mm 900lm 840 ADV	4,000K	SDCM 3	940lm	> 80	6.6W	142lm/W	28001212

¹⁾Tolerance range for optical and electrical data: ±10 %.Data applies for four quadrants

TALEXengine CLE Quadrant

Type	Colour temperature	Mac Adam	Typ. luminous flux ¹⁾ tp = 45°C		CRI	Typ. power draw ¹⁾ tp = 45°C	Module efficacy tp = 45°C	Order No.
			HE	HO				
CLE Quadrant G2 590mm 1200lm 830 ADV*	3,000K	SDCM 3	1,200lm	1,840lm	> 80	6.7W	178lm/W	89602335
CLE Quadrant G2 590mm 1200lm 840 ADV*	4,000K	SDCM 3	1,260lm	1,930lm	> 80	6.7W	187lm/W	89602337
CLE Quadrant G2 870mm 2500lm 830 ADV*	3,000K	SDCM 3	2,420lm	3,820lm	> 80	13.2W	183lm/W	89602338
CLE Quadrant G2 870mm 2500lm 840 ADV*	4,000K	SDCM 3	2,530lm	4,000lm	> 80	13.2W	191lm/W	89602340
CLE Quadrant G2 Wing 1000lm 830 ADV*	3,000K	SDCM 3	970lm	1,430lm	> 80	5.4W	178lm/W	89602341
CLE Quadrant G2 Wing 1000lm 840 ADV*	4,000K	SDCM 3	1,020lm	1,500lm	> 80	5.4W	188lm/W	89602343

*Coming soon. Preliminary data. ¹⁾Tolerance range for optical and electrical data: ±10 %. Data applies for four quadrants. HE=High Efficiency, HO=High Output



Restaurant Tatel in Madrid
For further reference stories go to
www.tridonic.com/references

Professional LED systems the easy way

The new ready2apply products are suitable for direct installation in ceilings – simple and convenient because the LED module, heat sink and lens form a single unit. This means it is possible to switch very quickly and cost-effectively from conventional halogen or compact fluorescent lamps to a preconfigured professional LED solution.

The ready2apply range features installation-ready spotlight and downlight solutions to meet professional lighting requirements, for example in shops and hotels. Even the LED Driver has been integrated in the TALEXengine DLA ready2apply downlight version. The SLA ready2apply for spotlights is offered in two versions: one as single part and one for phase-cut dimmers.

▼ **At a glance: TALEXengine ready2apply**

- ___ Complete ready-to-apply solution for quick and simple upgrades from conventional lighting to LED lighting (individual mounting ring required)
- ___ TALEXengine DLA ready2apply for downlights, with integrated LED Driver
- ___ TALEXengine SLA ready2apply for spotlights, dimming via suitable LED Driver

Main applications

Downlight



TALEXengine DLA ready2apply



Replacement for compact fluorescent lamps



Spotlight



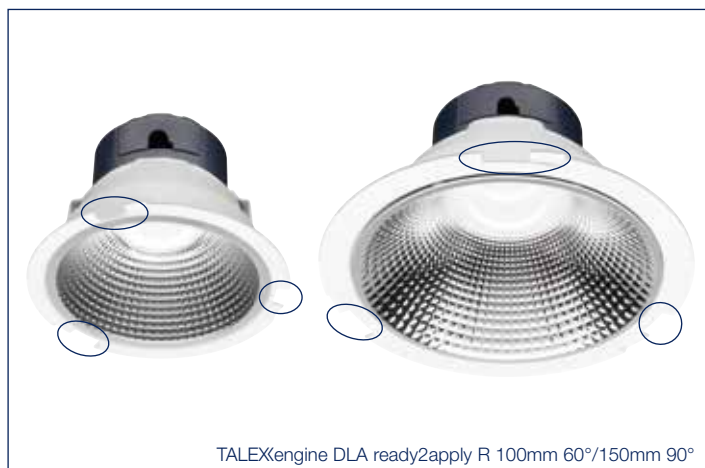
TALEXengine SLA ready2apply



Replacement for halogen lamps MR16



TALEXengine DLA ESSENCE



TALEXengine DLA ready2apply R 100mm 60°/150mm 90°



TALEXengine DLA ready2apply SH 100mm /150mm

Thanks to TALEXengine DLA ready2apply the switch from downlights with conventional compact fluorescent lamps (CFLs) to ones with LEDs is really simple. This installation-ready solution includes the LED module, the lens, the heat sink and even the LED driver. The individual components are perfectly matched to one another electronically, thermally and optically. The appropriate reflectors are also available from Tridonic. As in the case of the mounting ring, you can also use existing alternatives.

▼ At a glance: TALEXengine DLA ready2apply

- ___ LED replacement for downlights with compact fluorescent lamps
- ___ Complete ready-to-apply solution comprising LED module, lens, heat sink and LED Driver
- ___ Casing type with 3 cutouts (R) and without cutouts (R SH)
- ___ Sizes: ø 100 mm with 1000 lm, ø 150 mm with 2000 lm
- ___ High efficiency of 100 lm/W (tp = 65°C)
- ___ High colour rendering index of CRI > 80
- ___ Narrow colour tolerance: MacAdam 4
- ___ Perfect beam angle thanks to optional Tridonic reflectors with 60° or 90°
- ___ Nominal lifetime of up to 30,000 hours (L70/B50)
- ___ 3-years guarantee

Type	Size	Order No. Global	Order No. China	Colour-temperature	Luminous flux ¹⁾	Luminous flux with 60°/90° ¹⁾	Typ. power consumption ¹⁾	Module efficacy ¹⁾	Module efficacy with 60°/90° ¹⁾
TALEXengine DLA ready2apply									
DLA G1 100mm 1000lm 830 R SNC	Ø114x72mm	28001090	23000101	3,000K	1,000lm	1,020lm	11.6W	86lm/W	88lm/W
DLA G1 100mm 1000lm 830 R SH SNC		28001264							
DLA G1 100mm 1000lm 840 R SNC	Ø114x72mm	28001091	23000102	4,000K	1,050lm	1,070lm	11.6W	90lm/W	92lm/W
DLA G1 100mm 1000lm 840 R SH SNC		28001265							
DLA G1 150mm 2000lm 830 R SNC	Ø164x82mm	28001092	23000103	3,000K	2,000lm	2,040lm	22.7W	88lm/W	90lm/W
DLA G1 150mm 2000lm 830 R SH SNC		28001266							
DLA G1 150mm 2000lm 840 R SNC	Ø164x82mm	28001093	23000104	4,000K	2,100lm	2,140lm	22.7W	92lm/W	94lm/W
DLA G1 150mm 2000lm 840 R SH SNC		28001267							

TALEXaccessories

ACD REFLECTOR 100mm 60 D	Ø97.5x39mm	28001094	23000105
ACD REFLECTOR 100mm 90 D	Ø97.5x39mm	28001095	23000106
ACD REFLECTOR 150mm 60 D	Ø135x48.5mm	28001096	23000107
ACD REFLECTOR 150mm 90 D	Ø135x48.5mm	28001097	23000108

¹⁾Tolerance range for electrical and optical data: ±10%

TALEXengine SLA ESSENCE



TALEXengine SLA ready2apply is the professional LED alternative for spotlights with halogen lamps (MR16 GU5.3, GU10) – and comes with additional benefits, notably an increase in light output from 400lm to 600lm compared to MR16 GU10 230V halogen lamps. The connected load, however, is only 10 watts. Thanks to this greater efficiency, energy costs are reduced to one fifth, with dimming providing additional potential for energy savings. The popular faceted optics with their unmistakable lighting effect are retained, however. Dimming also meets the highest standards.

▼ At a glance: TALEXengine SLA ready2apply

- ___ LED replacement for spotlights with halogen lamps
- ___ Complete ready-to-apply solution comprising LED module, lens and heat sink
- ___ Beam angle 21° or 38°
- ___ 10W~620lm
- ___ Optimum quality of light: 2,700K, CRI 90, MacAdam 3
- ___ Electrical voltage 35V
- ___ Can be mounted with any individual fixing ring
- ___ Nominal lifetime of 30,000 hours
- ___ 3-years guarantee

Type	Size Driver	Size LED Modul	Order No.	Forward current	Colour-temperature	Luminous flux ¹⁾	Typ. power consumption ¹⁾	Module efficacy ¹⁾
TALEXmodule SLA ready2apply								
SLA G1 50mm 600lm 927 38° SNC	-	Ø50x56mm	28001227	220-250mA	2,700K	610-670lm	7.8-9.0W	75-79lm/W
SLA G1 50mm 600lm 927 21° SNC	-	Ø50x56mm	28001228	220-250mA	2,700K	610-670lm	7.8-9.0W	75-79lm/W
TALEXengine SLA ready2apply phase-cut								
SLA Set pc G1 50mm 600lm 927 38° SNC	135x46x30.3mm	Ø50x56mm	28001230	220mA	2,700K	610lm	10.1 W	60lm/W
SLA Set pc G1 50mm 600lm 927 21° SNC	135x46x30.3mm	Ø50x56mm	28001231	220mA	2,700K	610lm	10.1 W	60lm/W

¹⁾Tolerance range for electrical and optical data: ±10%



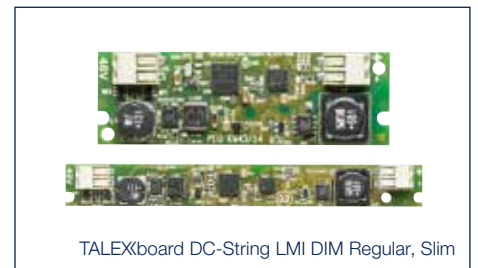
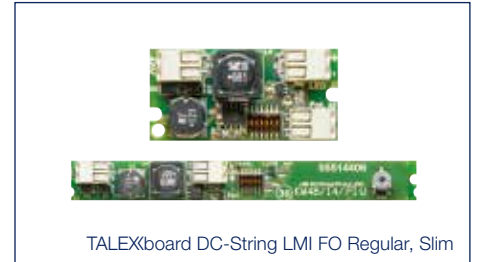
Deutsche Bank in Birmingham
For further reference stories go to
www.tridonic.com/references

TALEXengine DC-String

The LED track light revolution for aesthetic designs

Modern LED technology not only provides maximum efficiency and long life for the luminaire, but also enables luminaires to be miniaturised. With its new TALEXengine DC-String, Tridonic has the solution to minimise shapes and therefore maximise ceiling harmonics.

Overview of casing types



Typical applications

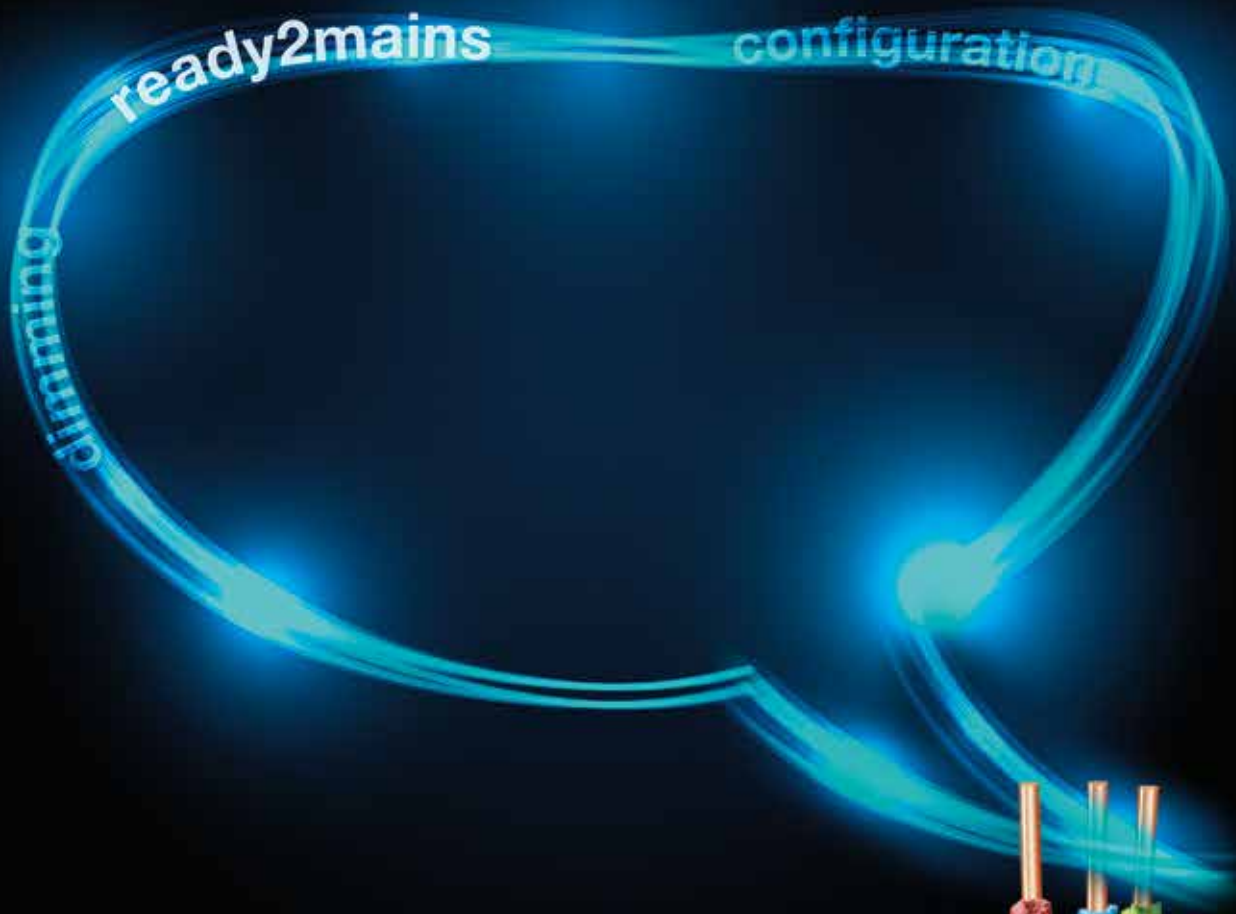


TALEXdriver DC-String | Linear Low Profile and Independent

Designation	Output current at full load (mA)	Output voltage range (V)	Output power (W)	SELV 60V	Input voltage (V)	Size (mm)	Order No.
TALEXdriver DC-String Linear Low Profile							
LCU 48V 75W DC-STR FO Ip	358	48	75	yes	220~240	360 x 30 x 21	28000816
LCU 48V 75W DC-STR DIM Ip	360	48	75	yes	220~240	360 x 30 x 21	28000815
LCU 48V 150W DC-STR FO Ip	708	48	150	yes	220~240	360 x 40 x 21	28001234
LCU 48V 150W DC-STR DIM Ip	710	48	150	yes	220~240	360 x 40 x 21	28001235
TALEXdriver DC-String Independent							
LCU 48V 75W DC-STR FO SR	359	48	75	yes	220~240	235 x 100 x 31	28001232
LCU 48V 75W DC-STR DIM SR	359	48	75	yes	220~240	235 x 100 x 31	28001233
LCU 48V 150W DC-STR FO SR	707	48	150	yes	220~240	235 x 100 x 31	28001045
LCU 48V 150W DC-STR DIM SR	710	48	150	yes	220~240	235 x 100 x 31	28001044

TALEXboard DC-String | fixed output and dimming

Designation	Output current (mA)	Output voltage range (V)	Output power (W)	Output power (W)	Input voltage (V)	Size (mm)	Order No.
TALEXboard DC-String fixed output							
LMI G2 48V 350-700mA 3-20V FO Slim	350-700	2.5~20	7~14	yes	46~50	125 x 14.8 x 12,5	28000730
LMI 48V 350-700mA 20-42V FO Slim	350-700	20~42	14.7~29.4	yes	46~50	125 x 14.8 x 12,5	28000947
LMI 48V 350-700mA 20-42V FO Regular	350-700	20~42	14.7~29.4	yes	46~50	49.3 x 23.8 x 12.5	28000728
TALEXboard DC-String dimming							
LMI G2 48V 350-700mA 3-20V DIM Slim	350-700	2.5~20	7~14	yes	46~50	125 x 14,8 x 12,5	28000731
LMI 48V 350-700mA 20-42V DIM Slim	350-700	20~42	15.4~30.9	yes	46~50	125 x 14.8 x 12.5	28000948
LMI 48V 350-700mA 20-42V DIM Regular	350-700	20~42	15.4~30.9	yes	46~50	75 x 23.8 x 12.5	28000729



ready2mains™ tells the current how to communicate.

ready2mains uses the mains cable to transmit information: easily, reliably and professionally. Luminaires are controlled and dimmed directly via the mains, with no need for any additional wiring. Manufacturers configure their luminaires with ready2mains, saving time and enhancing flexibility. ready2mains reduces production and installation costs and also reduces possible sources of error.

Simple connection, secure configuration.

Portfolio		ESSENCE	ADVANCED	EXCITE	PREMIUM
Dimming	Dimming interface		phase-cut up to 25 W ¹⁾	ready2mains™	one4all, ready2mains
	Dimming range (method)		100...10% (AM) ¹⁾	100...15% (AM)	100...1% (AM)
	DALI DT6 / DSI / switchDIM / corridorFUNCTION				yes
DC operation	Supporting EN 50172			yes	yes
	DC level adjustable				yes
Output current	Adjustable via resistor plug (I-Select 2)			yes	yes
	Adjustable via ready2mains™			yes	yes
	Adjustable via DALI				yes
	Current tolerances	± 7.5%	± 7.5%	± 5%	± 3%
Functions & Performance	Configuration via ready2mains™			yes	yes
	Constant light output over lifetime				yes
	Intelligent Temperature Guard	yes	yes	yes	yes
	Standby losses				< 0.15 W
	Output current ripple (LF)	>15 W ± 30%	>15 W ± 5%	± 5%	± 5%
	Form factors	C, SC, SR, Ip	C, SC, SR, Ip	C, SC, SR, Ip	C, SC, SR, Ip
	Operating temperature range	-20°C...+50°C ²⁾	-20°C...+50°C ²⁾	-25°C...+60°C ²⁾	-25°C...+60°C ²⁾
	Lifetime up to	30,000h/50.000h ¹⁾	50,000h	100,000h	100,000h
Guarantee	3 years/5 years ¹⁾	5 years	5 years	5 years	

¹⁾ Only for certain variants.

²⁾ Varies with the selected output power. Detailed values according to data sheet.

► For more information and technical data on the entire TALEX product portfolio go to led.tridonic.com.

Future-proof and reliable

TALEXdriver PREMIUM is a future-proof generation of LED Drivers characterised by highly advanced functionality and outstanding dimming behaviour. Operating windows optimised for the intended applications ensure efficient operation of a wide range of LED modules, even across generations.

TALEXdriver PREMIUM units are also the first LED Driver generation to feature ready2mains, the pioneering programmable mains interface.

Overview of casing types



▼ At a glance: TALEXdriver PREMIUM

- ___ Constant-current LED Driver with application-oriented operating windows
- ___ one4all interface supports DALI, DSI, switchDIM and corridorFUNCTION
- ___ Superior dimming performance with stepless amplitude dimming from 100% to 1%
- ___ Power range 10–100W
- ___ High efficiency of up to > 93%
- ___ Unmatched standby losses of < 0.15W
- ___ New ready2mains technology permits configuration and dimming via the mains
- ___ New I-Select 2 interface for setting the current on the primary side
- ___ Large number of designs including the new Stretched Compact housing with attachable cable clamp

TALEXdriver PREMIUM | Built-in

Designation	Output current (mA)	Output voltage range (V)	Output power (W)	SELV 60V	Input voltage (V)	Size (mm)	Order No.
LCA 10W 150-400mA one4all C PRE	150-400	15-40	10	yes	220-240	105 x 70 x 22	28000663
LCA 17W 250-700mA one4all C PRE	250-700	15-50	17	yes	220-240	105 x 70 x 22	28000664
LCA 25W 350-1050mA one4all C PRE	350-1,050	20-50	25	yes	220-240	120 x 70 x 22	28000665
LCA 45W 500-1400mA one4all C PRE	500-1,400	25-50	45	yes	220-240	120 x 70 x 22	28000666

TALEXdriver PREMIUM | Independent

Designation	Output current (mA)	Output voltage range (V)	Output power (W)	SELV 60V	Input voltage (V)	Size (mm)	Order No.
LCA 10W 150-400mA one4all SR PRE	150-400	15-40	10	yes	220-240	200 x 70 x 31	28000669
LCA 17W 250-700mA one4all SR PRE	250-700	15-50	17	yes	220-240	200 x 70 x 31	28000670
LCA 25W 350-1050mA one4all SR PRE	350-1,050	20-50	25	yes	220-240	200 x 70 x 31	28000671
LCA 45W 500-1400mA one4all SR PRE	500-1,400	25-50	45	yes	220-240	215 x 70 x 31	28000672

TALEXdriver PREMIUM | Stretched Compact

Designation	Output current (mA)	Output voltage range (V)	Output power (W)	SELV 60V	Input voltage (V)	Size (mm)	Order No.
LCA 10W 150-400mA one4all SC PRE	150-400	15-40	10	yes	220-240	130 x 43 x 30	28000673
LCA 17W 250-700mA one4all SC PRE	250-700	15-50	17	yes	220-240	130 x 43 x 30	28000674
LCA 25W 350-1050mA one4all SC PRE	350-1,050	20-50	25	yes	220-240	130 x 43 x 30	28000675
LCA 45W 500-1400mA one4all SC PRE	500-1,400	25-50	45	yes	220-240	150 x 43 x 30	28000676
ACU SC 43x30mm CLIP-ON SR SET (Optional clip-on strain relief set for Stretched Compact housing)						30 x 43 x 30	28001168

TALEXdriver PREMIUM | Linear Low Profile

Designation	Output current (mA)	Output voltage range (V)	Output power (W)	SELV 60V	Input voltage (V)	Size (mm)	Order No.
LCA 50W 100-400mA one4all lp PRE	100-400	50-140	50	no	220-240	280 x 30 x 21	28000655
LCA 50W 350-1050mA one4all lp PRE	350-1,050	20-50	50	yes	220-240	360 x 30 x 21	28000656
LCA 75W 100-400mA one4all lp PRE	100-400	110-220	75	no	220-240	280 x 30 x 21	28000657
LCA 75W 250-550mA one4all lp PRE	250-550	80-150	75	no	220-240	280 x 30 x 21	28001250
LCA 75W 350-1050mA one4all lp PRE	350-1,050	40-110	75	no	220-240	360 x 30 x 21	28000659
LCA 75W 900-1800mA one4all lp PRE	900-1,800	20-50	75	yes	220-240	360 x 30 x 21	28000660
LCA 100W 250-700mA one4all lp PRE	250-700	80-220	100	no	220-240	360 x 30 x 21	28000661

Flexible configuration and dimming

The new TALEXdriver EXCITE devices feature the programmable ready2mains interface. In combination with the ready2mains gateway, this interface enables groups of luminaires to be dimmed together. At the same time, the cost-efficient LED Driver provide the benefits of fixed-output devices, including simple installation without additional cabling or DALI addressing.

With their excellent dimming performance, the TALEXdriver EXCITE devices are the professional solution for efficient lighting upgrades and new installations. As before, the luminous flux of a luminaire can be configured via plugs (I Select 2) or now via ready2mains, with the added flexibility of being able to set the current in 1 mA steps.

Overview of casing types



Linear Low Profile
for area luminaires and
linear, decorative and
free-standing luminaires



Built-in
for spotlights,
floor-wall luminaires



Independent
for downlights,
spotlights



Stretched Compact
for downlights, spotlights,
floor-wall luminaires

▼ At a glance: TALEXdriver EXCITE

- ___ Constant-current LED Driver with application-oriented operating windows
- ___ Output ranges from 10W to 100W
- ___ New ready2mains technology: configuration and dimming via the mains cable
- ___ Excellent dimming quality with a dimming range of 100 % to max. 15 %
- ___ High efficiency of up to 94 %
- ___ New I-Select 2 interface for setting the current on the primary side
- ___ 5-year guarantee
- ___ Large number of designs including the new Stretched Compact housing with attachable cable clamp

TALEXdriver EXCITE | Built-in

Designation	Output current (mA)	Output voltage range (V)	Output power (W)	SELV 60V	Input voltage (V)	Size (mm)	Order No.
LC 10W 150-400mA flexC C EXC*	150-400	15-40	10	yes	220-240	105 x 70 x 22.3	28000692
LC 17W 250-700mA flexC C EXC	250-700	15-50	17	yes	220-240	105 x 70 x 22.3	28000693
LC 25W 350-1050mA flexC C EXC	350-1,050	20-50	25	yes	220-240	105 x 70 x 22.3	28000694
LC 45W 500-1400mA flexC C EXC*	500-1,400	25-50	45	yes	220-240	120 x 70 x 22.3	In preparation
LC 60W 900-1750mA flexC C EXC*	900-1,750	20-55	60	yes	220-240	125 x 85 x 28.3	In preparation
LC 100W 1100-2100mA flexC C EXC*	1,100-2,100	20-55	100	yes	220-240	125 x 85 x 28.3	In preparation

*Preliminary data; subject to change.

TALEXdriver EXCITE | Independent

Designation	Output current (mA)	Output voltage range (V)	Output power (W)	SELV 60V	Input voltage (V)	Size (mm)	Order No.
LC 10W 150-400mA flexC SR EXC*	150-400	15-40	10	yes	220-240	200 x 70 x 31	28000698
LC 17W 250-700mA flexC SR EXC	250-700	15-50	17	yes	220-240	200 x 70 x 31	28000699
LC 25W 350-1050mA flexC SR EXC	350-1,050	20-50	25	yes	220-240	200 x 70 x 31	28000700
LC 45W 500-1400mA flexC SR EXC*	500-1,400	25-50	45	yes	220-240	215 x 70 x 31	In preparation
LC 60W 900-1750mA flexC SR EXC*	900-1,750	20-55	60	yes	220-240	220 x 85 x 31	In preparation
LC 100W 1100-2100mA flexC SR EXC*	1,100-2,100	20-55	100	yes	220-240	220 x 85 x 31	In preparation

*Preliminary data; subject to change.

TALEXdriver EXCITE | Stretched Compact

Designation	Output current (mA)	Output voltage range (V)	Output power (W)	SELV 60V	Input voltage (V)	Size (mm)	Order No.
LC 10W 150-400mA flexC SC EXC*	150-400	15-40	10	yes	220-240	97 x 43 x 30	28000704
LC 17W 250-700mA flexC SC EXC	250-700	15-50	17	yes	220-240	97 x 43 x 30	28000705
LC 25W 350-1050mA flexC SC EXC	350-1,050	20-50	25	yes	220-240	97 x 43 x 30	28000706
LC 45W 500-1400mA flexC SC EXC*	500-1,400	25-50	45	yes	220-240	115 x 43 x 30	In preparation
ACU SC 43x30mm CLIP-ON SR SET (Optional clip-on strain relief set for Stretched Compact housing)						30 x 43 x 30	28001168

*Preliminary data; subject to change.

TALEXdriver EXCITE | Linear Low Profile

Designation	Output current (mA)	Output voltage range (V)	Output power (W)	SELV 60V	Input voltage (V)	Size (mm)	Order No.
LC 25W 100-500mA flexC lp EXC	100-500	20-50	25	yes	220-240	280 x 30 x 21	28000679
LC 50W 100-400mA flexC lp EXC	100-400	50-140	50	no	220-240	280 x 30 x 21	28000680
LC 50W 350-1050mA flexC lp EXC	350-1,050	20-50	50	yes	220-240	360 x 30 x 21	28000681
LC 75W 100-400mA flexC lp EXC	100-400	50-220	75	no	220-240	280 x 30 x 21	28000713
LC 75W 350-1050mA flexC lp EXC	350-1,050	40-110	75	no	220-240	360 x 30 x 21	28000683
LC 75W 900-1800mA flexC lp EXC	900-1,800	20-50	75	yes	220-240	360 x 30 x 21	28000684
LC 100W 250-700mA flexC lp EXC*	250-700	80-220	100	no	220-240	360 x 30 x 21	In preparation

*Preliminary data; subject to change.

Reliable and straightforward


The TALEXdriver ADVANCED series offers the best compromise between attractive price and professional performance. While focusing on the core functionalities, the TALEXdriver ADVANCED series offers superior quality and performance ensuring a reliable operation of your LED module.

While the TALEXdriver ADVANCED supports most common LED modules, the series fits perfectly to the TALEXmodule SLE series as well as QLE and LLE, guaranteeing an optimal performance and lifetime of your Tridonic LED light engine.

Overview of casing types**▼ At a glance: TALEXdriver ADVANCED**


- ___ Constant current and fixed output built-in LED Driver
- ___ Output current (350–2,450 mA)
- ___ Max. output power (10–150 W)
- ___ Nominal lifetime up to 50,000 h
- ___ For luminaires of protection class I and protection class II
- ___ Temperature protection as per EN 61347-2-13 C5e
- ___ Overtemperature-, Overload-, Short-circuit- and No-load protection
- ___ 5-year guarantee

TALEXdriver ADVANCED | Stretched Compact

NEW 	Output current	Output power	Output voltage range	Input voltage	Efficiency	Size	Order No.
LC 15W 350mA fixC SC ADV	350mA	15W	21.4–44V	220~240 V _{ac}	88%	97 x 43 x 22.5 mm	87500448
LC 20W 500mA fixC SC ADV	500mA	20W	21.4–44V	220~240 V _{ac}	88%	97 x 43 x 22.5 mm	87500449
LC 25W 600mA fixC SC ADV	600mA	25W	21.4–44V	220~240 V _{ac}	88%	97 x 43 x 30 mm	87500341
LC 30W 700mA fixC SC ADV	700mA	30W	21.4–44V	220~240 V _{ac}	88%	97 x 43 x 30 mm	87500342
LC 35W 700mA fixC SC ADV	700mA	35W	26–52V	220~240 V _{ac}	89%	97 x 43 x 30 mm	87500450
LC 35W 800mA fixC SC ADV	800mA	35W	25–45V	220~240 V _{ac}	89%	97 x 43 x 30 mm	87500343
LC 40W 900mA fixC SC ADV	900mA	40W	25–45V	220~240 V _{ac}	89%	97 x 43 x 30 mm	87500344
LC 47W 1050mA fixC SC ADV	1,050mA	47W	25–45V	220~240 V _{ac}	89%	130 x 43 x 30 mm	87500451
LC 60W 1050mA fixC SC ADV	1,050mA	47W	31–57V	220~240 V _{ac}	89%	130 x 43 x 30 mm	87500452
ACU SC 43x30mm CLIP-ON SR SET (Optional clip-on strain relief set for Stretched Compact housing)						30 x 43 x 30 mm	28001168

Further details can be found in datasheet.

TALEXdriver ADVANCED | Built-in

NEW 	Output current	Output power	Output voltage range	Input voltage	Efficiency	Size	Order No.
LC 25W 600mA fixC C ADV	600mA	25W	21.4–44V	220~240 V _{ac}	88%	103 x 67 x 29.7mm	87500345
LC 30W 700mA fixC C ADV	700mA	30W	21.4–44V	220~240 V _{ac}	88%	103 x 67 x 29.7mm	87500346
LC 35W 800mA fixC C ADV	800mA	35W	25–45V	220~240 V _{ac}	89%	103 x 67 x 29.7mm	87500347
LC 40W 900mA fixC C ADV	900mA	40W	25–45V	220~240 V _{ac}	89%	103 x 67 x 29.7mm	87500348

Further details can be found in datasheet.

Economic dimming convenience

The TALEXdriver ADVANCED product series provides dimming convenience for spotlight applications and accent lighting and decorative lighting of offices, retail spaces, hotels and restaurants, exhibition halls or museums

The LED Driver series also enables the simple upgrading from inefficient low voltage halogen lamps to modern LED modules and retrofit lamps – with the existing infrastructure as well.

Tridonic offers a matched system with its own SLE and CLE modules, but the LED drivers can also be used with other LED modules. All the LED drivers meet SELV requirements, are available as versions for installation or separate mounting and offer economical dimming.

Product Portfolio – Overview

Constant current LED Driver dimnable via phase-cut

Perfect system solution with
TALEXmodule SLE and CLE



Constant current LED Driver dimnable via phase-cut and 1-10V

Perfect system solution with
TALEXmodule SLE and CLE



Constant-current LED Driver dimmable via phase-cut

LED Driver potted	Output current	Output power	Output voltage range	Input voltage	Size	Order No.
LCBI 8W 350mA BASIC PHASE-CUT SR ADV	350mA	8W	25V	220~240V	102 x 51 x 30mm	87500321
LCBI 15W 350mA BASIC PH-CUT SR ADV	350mA	15W	35V	220~240V	102 x 51 x 30mm	87500386
LCBI 15W 500mA BASIC PHASE-CUT SR ADV	500mA	15W	24V	220~240V	102 x 51 x 30mm	87500320
LCBI 14W 700mA BASIC PH-CUT SR ADV	700mA	14W	51V	220~240V	102 x 51 x 30mm	87500387

LED Driver non-potted	Output current	Output power	Output voltage range	Input voltage	Size	Order No.
LCBI 15W 350mA BASIC phase-cut lp	350mA	15W	21~46V	220~240V	139 x 30 x 21 mm	89800255
LCBI 15W 500mA BASIC phase-cut lp	500mA	15W	13.5~30V	220~240V	139 x 30 x 21 mm	89800256
LCBI 15W 700mA BASIC phase-cut lp	700mA	15W	10~21.5V	220~240V	139 x 30 x 21 mm	89800257
LCA 10W 450mA phase-cut 22mm SR ADV	450mA	10W	15~22V	220~240V	101.5 x 51 x 22mm	87500406
LCA 18W 450mA phase-cut 22mm SR ADV	450mA	18W	30~39V	220~240V	101.5 x 51 x 22mm	87500407
LCBI 25W 700mA BASIC phase-cut SR	700mA	25W	16~35V	220~240V	145 x 51 x 29.5 mm	89800307

Constant-current LED Driver dimmable via phase-cut and 1-10V

Description	Output current	Output power	Output voltage range	Input voltage	Size	Order No.
LCBI 10W 180mA phase-cut/1-10 V SR	180mA	10W	21~46V	220~240V	102 x 51 x 30mm	87500273
LCBI 10W 350mA phase-cut/1-10 V SR	350mA	10W	13.5~30V	220~240V	102 x 51 x 30mm	87500274
LCBI 10W 500mA phase-cut/1-10 V SR	500mA	15W	10~21.5V	220~240V	102 x 51 x 30mm	87500275
LCBI 20W 350mA phase-cut/1-10 V SR*	350mA	20W	27~54V	220~240V	102 x 51 x 30mm	87500276
LCBI 20W 500mA phase-cut/1-10 V SR*	500mA	20W	19~38V	220~240V	102 x 51 x 30mm	87500277

*no ENEC certification

Attractive price in proven Tridonic quality

The TALEXdriver ESSENCE series provides the best compromise between an attractive price and qualified performance. With a focus on application-related functions, the LED Driver range offers good Tridonic proven quality and performance that ensures reliable operation of your LED module.

The LED Drivers are compatible with many LED modules from Tridonic and provide a optimal system solutions especially with TALEXmodule SLE and TALEXmodule DLE.

Overview of casing types

New design



Linear Low Profile

for area luminaires, high bay linear, decorative and free-standing luminaires with a 45° terminal on both input and output side



Built-in

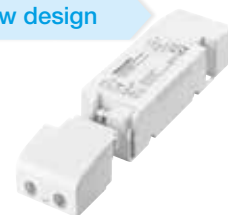
for spotlights, downlights, track lights and 2.5 mm input terminal



Independent

for spotlights, downlights e.g. when recessing the LED Driver in the ceiling for compact downlight solutions

New design




Stretched Compact

for downlights, spotlights, floor-wall luminaires

▼ At a glance: TALEXdriver ESSENCE


- ___ Fixed output built-in, independent, stretched compact and linear low profile non dimmable constant current LED Driver
- ___ Full power range to cover all applications and requirements
- ___ Nominal lifetime up to 30,000 h with 3-year guarantee (Built-in, Independent) and 50,000h with 5-year guarantee (Stretched Compact, Linear Low Profile)
- ___ Installation friendly and flexible: the built-in, independent and stretched compact versions provide a 2.5 mm input terminal, Linear Low Profile version provide 45° terminal on both input and output side
- ___ For luminaires of protection class I and protection class II
- ___ Temperature protection as per EN 61347-2-13 C5e

TALEXdriver ESSENCE | Built-in

	Output current	Output power	Output voltage range	Input voltage	Size	Order No.
LC 15W 350mA fixC C SNC	350 mA	15W	30–43V	220–240V	93 x 58 x 26.2mm	87500393
LC 20W 500mA fixC C SNC	500 mA	20W	30–43V	220–240V	93 x 58 x 26.2mm	87500394
LC 20W 700mA fixC C SNC	700 mA	20W	20–28.5V	220–240V	93 x 58 x 26.2mm	87500395
LC 25W 600mA fixC C SNC	600 mA	25W	30–43V	220–240V	93 x 58 x 26.2mm	87500396
LC 30W 700mA fixC C SNC	700 mA	30W	30–43V	220–240V	103 x 67 x 29.7mm	87500362
LC 35W 350mA fixC C SNC	350 mA	35W	70–100V	220–240V	103 x 67 x 29.7mm	87500368
LC 35W 500mA fixC C SNC	500 mA	35W	49–70V	220–240V	103 x 67 x 29.7mm	87500369
LC 35W 800mA fixC C SNC	800 mA	35W	30–43V	220–240V	103 x 67 x 29.7mm	87500363
LC 35W 1050mA fixC C SNC	1,050 mA	35W	23–33V	220–240V	103 x 67 x 29.7mm	87500370
LC 40W 900mA fixC C SNC	900 mA	40W	30–43V	220–240V	103 x 67 x 29.7mm	87500364
LC 45W 1050mA fixC C SNC	1,050 mA	45W	30–43V	220–240V	103 x 67 x 29.7mm	87500397
LC 50W 1200mA fixC C SNC	1,200 mA	50W	30–43V	220–240V	123 x 75 x 29.7mm	87500415
LC 60W 700mA fixC C SNC	700 mA	60W	60–85V	220–240V	123 x 75 x 29.7mm	87500416
LC 60W 1400mA fixC C SNC	1,400 mA	60W	30–43V	220–240V	123 x 75 x 29.7mm	87500417

Further details can be found in datasheet.

TALEXdriver ESSENCE | Independent

	Output current	Output power	Output voltage range	Input voltage	Size	Order No.
LC 13W 300mA fixC SR SNC	300 mA	13W	30–43V	220–240V	101.5 x 51 x 22mm	87500401
LC 15W 350mA fixC SR SNC	350 mA	15W	30–43V	220–240V	101.5 x 51 x 22mm	87500398
LC 20W 500mA fixC SR SNC	500 mA	20W	30–43V	220–240V	101.5 x 51 x 22mm	87500399
LC 20W 700mA fixC SR SNC	700 mA	20W	20–28V	220–240V	101.5 x 51 x 22mm	87500400
LC 30W 700mA fixC SR SNC	700 mA	30W	30–43V	220–240V	130 x 68 x 31mm	87500365
LC 35W 350mA fixC SR SNC	350 mA	35W	70–100V	220–240V	130 x 68 x 31mm	87500371
LC 35W 500mA fixC SR SNC	500 mA	35W	49–70V	220–240V	130 x 68 x 31mm	87500372
LC 35W 800mA fixC SR SNC	800 mA	35W	30–43V	220–240V	130 x 68 x 31mm	87500366
LC 35W 1050mA fixC SR SNC	1,050 mA	35W	23–33V	220–240V	130 x 68 x 31mm	87500373
LC 40W 900mA fixC SR SNC	900 mA	40W	30–43V	220–240V	130 x 68 x 31mm	87500367
LC 45W 1050mA fixC SR SNC	1,050 mA	45W	30–43V	220–240V	130 x 68 x 31mm	87500402
LC 50W 1200mA fixC SR SNC	1,200 mA	50W	30–43V	220–240V	159.4 x 82 x 34mm	87500418
LC 60W 700mA fixC SR SNC	700 mA	60W	60–85V	220–240V	159.4 x 82 x 34mm	87500419
LC 60W 1400mA fixC SR SNC	1,400 mA	60W	30–43V	220–240V	159.4 x 82 x 34mm	87500420

Further details can be found in datasheet.

TALEXdriver ESSENCE

TALEXdriver ESSENCE | Stretched Compact

NEW	Designation	Output current	Output power	Output voltage range	Input voltage	Size	Order No.
	LC 25W 600mA fixC SC SNC	600mA	25W	30–43V	220–240V	97 x 43 x 30mm	87500459
	LC 30W 700mA fixC SC SNC	700mA	30W	30–43V	220–240V	97 x 43 x 30mm	87500460
	LC 35W 800mA fixC SC SNC	800mA	35W	30–43V	220–240V	115 x 43 x 30mm	87500461
	LC 40W 900mA fixC SC SNC	900mA	40W	30–43V	220–240V	115 x 43 x 30mm	87500462
	LC 42W 1050mA fixC SC SNC	1,050 mA	42W	28–40V	220–240V	115 x 43 x 30mm	87500463
	ACU SC 43x30mm CLIP-ON SR SET (Optional clip-on strain relief set for Stretched Compact housing)					30 x 43 x 30mm	28001168

Further details can be found in datasheet.

TALEXdriver ESSENCE | Linear Low Profile

NEW	Designation	Output current	Output power	Output voltage range	Input voltage	Size	Order No.
	LC 25W 250mA fixC lp SNC	250mA	25W	60–100V	220–240V	230 x 30 x 21 mm	87500440
	LC 25W 300mA fixC lp SNC	300mA	25W	50–83V	220–240V	230 x 30 x 21 mm	87500439
	LC 25W 350mA fixC lp SNC	350mA	25W	43–71V	220–240V	230 x 30 x 21 mm	87500438
	LC 25W 500mA fixC lp SNC	500mA	25W	30–50V	220–240V	230 x 30 x 21 mm	87500464
	LC 35W 250mA fixC lp SNC	250mA	35W	84–140V	220–240V	230 x 30 x 21 mm	87500441
	LC 35W 300mA fixC lp SNC	300mA	35W	70–117V	220–240V	230 x 30 x 21 mm	87500465
	LC 35W 350mA fixC lp SNC	350mA	35W	60–100V	220–240V	230 x 30 x 21 mm	87500442
	LC 35W 700mA fixC lp SNC	700mA	35W	30–50V	220–240V	230 x 30 x 21 mm	87500443
	LC 50W 250mA fixC lp SNC	250mA	50W	120–200V	220–240V	230 x 30 x 21 mm	87500444
	LC 50W 300mA fixC lp SNC	300mA	50W	100–167V	220–240V	230 x 30 x 21 mm	87500446
	LC 50W 350mA fixC lp SNC	350mA	50W	86–143V	220–240V	230 x 30 x 21 mm	87500445
	LC 50W 700mA fixC lp SNC	700mA	50W	43–71V	220–240V	230 x 30 x 21 mm	87500447
	LC 50W 1050mA fixC lp SNC	1,050mA	50W	29–48V	220–240V	230 x 30 x 21 mm	87500466
	LC 65W 700mA fixC lp SNC	700mA	65W	56–93V	220–240V	280 x 30 x 21 mm	87500467
	LC 65W 1050mA fixC lp SNC	1,050mA	65W	37–62V	220–240V	280 x 30 x 21 mm	87500468
	LC 65W 1400mA fixC lp SNC	1,400mA	65W	28–46V	220–240V	280 x 30 x 21 mm	87500469
	LC 65W 1750mA fixC lp SNC	1,750mA	65W	22–37V	220–240V	280 x 30 x 21 mm	87500470
	LC 80W 1050mA fixC lp SNC	1,050mA	80W	46–76V	220–240V	280 x 30 x 21 mm	87500471
	LC 80W 1400mA fixC lp SNC	1,400mA	80W	34–57V	220–240V	280 x 30 x 21 mm	87500472
	LC 80W 1750mA fixC lp SNC	1,750mA	80W	27–46V	220–240V	280 x 30 x 21 mm	87500473

Further details can be found in datasheet.

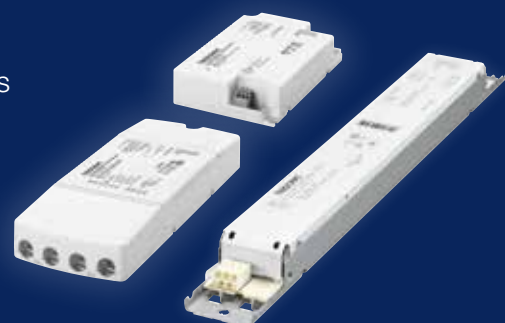


ZHAW in Winterthur
For further reference stories go to
www.tridonic.com/references



A clever move

The situation is perfect. Whatever strategy you are following, the new series of TALEX LED converters will give you a significant advantage. Tridonic offers the right LED converters for any application and any requirement. And the best thing is that despite the rapid pace of development in LED modules you will be ideally prepared for the future with TALEX LED converters. With Tridonic you are making the right move.



TRIDONIC

▼ enlightening your ideas

Portfolio		Dimming		Fixed Output	
		ECO Leader in efficiency and versatility	BASIC Economic dimming convenience	TOP Optimum performance and high flexibility	TEC Reliable and straightforward
Dimming	Dimming method	Amplitude & PWM	Amplitude only		
	PWM frequency	500Hz			
	Dimming range	1 – 100 %	10 – 100 %		
	DALI DT6 / DSI	yes			
	switchDIM / corridorFUNCTION	yes			
	Phase-cut dimming		yes		
DC operation	Supporting EN 50172	yes		yes	
	DC level fixed			yes	
	DC level adjustable	yes			
Output current	Adjustable	yes		yes	
	Via resistor or plug (I-Select)	yes		yes	
	Via DALI	yes			
	Current resolution	1/25/50 mA ¹⁾		25/50 mA ¹⁾	
	Current tolerances	+/- 3 %	+/- 7.5 %	+/- 5 %	+/- 7.5 %
Functions & Performance	Constant light output over lifetime	yes			
	Intelligent Temperature Guard	yes	yes	yes	yes
	Intelligent Temperature Management	yes		yes ²⁾	
	Standby losses	< 0.2 W			
	Input voltage range	220 – 240 V	220 – 240 V	220 – 240 V	220 – 240 V
	Lifetime up to	100,000 h	50,000 h	100,000 h	50,000 h
	Failure rate	0.1 % / 1,000 h	0.2 % / 1,000 h	0.1 % / 1,000 h	0.2 % / 1,000 h
	Operating temperature range	-25 °C up to +65 °C ³⁾	-25 °C up to +50 °C	-25 °C up to +65 °C ³⁾	-20 °C up to +50 °C
	Warranty	5 years	5 years	5 years	5 years

¹⁾ Depending on the output current range and setting method (I-Select or DALI)

²⁾ For control gears with 35 W and more

³⁾ Varies with the selected output power, detailed values can be found in datasheet

TALEXdriver LCAI ECO – Top performers in efficiency and versatility

▼ At a glance: TALEXdriver ECO

- __ Recessed and surface-mounted casings for all standard LED Driver types
- __ Certification: CE/ENEC/RCM/CQC
- __ Stepless dimming from 100% to 1%
- __ Combined amplitude and PWM dimming for stepless dimming without LED colour shifts even at low dimming values
- __ Adjustable output current via resistor or DALI with low output current tolerance
- __ Activatable luminous flux compensation throughout the life of the LED module
- __ Thermal monitoring of the LED module possible via external sensor
- __ Suitable for emergency lighting systems with central battery according to EN 50172
- __ Surface-mounted casing with loop-through capability for power and DALI connections



TALEXdriver ECO Built-in

Designation	Output current	Output power*	Output voltage range*	Input voltage	Size	Order No.
LCAI 10W 150mA-400mA ECO C	150-400mA	10W	< 60V	220~240V	105 x 70 x 28.3 mm	28000130
LCAI 10W 350mA-900mA ECO C	350-900mA	10W	< 60V	220~240V	105 x 70 x 28.3 mm	28000131
LCAI 20W 350mA-900mA ECO C	350-900mA	20W	< 60V	220~240V	105 x 70 x 28.3 mm	28000122
LCAI 35W 350mA-900mA ECO C flat	350-900mA	35W	< 120V	220~240V	140 x 100 x 15 mm	28000336
LCAI 35W 350mA-900mA ECO C	350-900mA	35W	< 120V	220~240V	120 x 70 x 28.3 mm	28000124
LCAI 35W 900mA-1750mA ECO C	900-1,750 mA	35W	< 60V	220~240V	120 x 70 x 28.3 mm	28000126
LCAI 55W 900mA-1750mA ECO C	900-1,750 mA	55W	< 60V	220~240V	125 x 85 x 28.3 mm	28000128
LCAI 100W 900mA-1750mA ECO C	900-1,750 mA	100W	< 60V	220~240V	140 x 100 x 28.3 mm	28000137

* Depending on the selected output current. Further details can be found in datasheet.

TALEXdriver ECO Independent



Designation	Output current	Output power*	Output voltage range*	Input voltage	Size	Order No.
LCAI 20W 350mA-900mA ECO SR	350-900mA	20W	< 60V	220~240V	200 x 70 x 31 mm	28000123
LCAI 35W 350mA-900mA ECO SR	350-900mA	35W	< 120V	220~240V	220 x 85 x 31 mm	28000125
LCAI 35W 900mA-1750mA ECO SR	900-1,750 mA	35W	< 60V	220~240V	220 x 85 x 31 mm	28000127
LCAI 55W 900mA-1750mA ECO SR	900-1,750 mA	55W	< 60V	220~240V	220 x 85 x 31 mm	28000129
LCAI 100W 900mA-1750mA ECO SR	900-1,750 mA	100W	< 120V	220~240V	235 x 100 x 31 mm	28000256

* Depending on the selected output current. Further details can be found in datasheet.

TALEXdriver ECO Linear Low Profile



Designation	Output current	Output power*	Output voltage range*	Input voltage	Size	Order No.
LCAI 20W 150mA-400mA ECO lp	150-400mA	20W	< 60 V	220~240V	280 x 30 x 21 mm	28000132
LCAI 20W 350mA-550mA ECO lp	350-550mA	20W	< 60V	220~240V	280 x 30 x 21 mm	28000841
LCAI 35W 150mA-400mA ECO lp	150-400mA	35W	< 250 V	220~240V	360 x 30 x 21 mm	28000133
LCAI 65W 150mA-400mA ECO lp	150-400mA	65W	< 250 V	220~240V	360 x 30 x 21 mm	28000134
LCAI 35W 900mA-1750mA ECO lp	900-1,750 mA	35W	< 60 V	220~240V	360 x 30 x 21 mm	28000138
LCAI 65W 900mA-1750mA ECO lp	900-1,750 mA	65W	< 120 V	220~240V	360 x 30 x 21 mm	28000139

* Depending on the selected output current. Further details can be found in datasheet.

TALEXdriver ECO slim



Designation	Output current	Output power*	Output voltage range*	Input voltage	Size	Order No.
LCAI 15W 150mA-400mA ECO slim	150-400mA	15W	< 60V	220~240V	145 x 51 x 29.5 mm	28000445

* Depending on the selected output current. Further details can be found in datasheet.

TALEXdriver LCI TOP – Optimum performance and high flexibility**▼ At a glance: TALEXdriver TOP**

- __ Recessed and surface-mounted casings for all standard LED Driver types
- __ Certification: CE/ENEC/RCM/CQC
- __ Adjustable output current through resistor with low output current tolerance
- __ Thermal monitoring of the LED module possible via external sensor
- __ Suitable for emergency lighting systems with central battery according to EN 50172
- __ Surface-mounted casing with loop-through capability for power connections
- __ Lifetime of 50,000 h at high ambient temperature of up to +60 °C



TALEXdriver TOP Built-In

Designation	Output current	Output power ¹⁾	Output voltage range ¹⁾	Input voltage	Size	Order No.
LCI 10W 150mA-400mA TOP C	150mA–400mA	10W	< 60V	220~240V	105 x 70 x 28.3mm	28000189
LCI 10W 350mA-900mA TOP C	350mA–900mA	10W	< 60V	220~240V	105 x 70 x 28.3mm	28000190
LCI 20W 350mA-900mA TOP C	350mA–900mA	20W	< 60V	220~240V	105 x 70 x 28.3mm	28000191
LCI 35W 350mA-900mA TOP C	350mA–900mA	35W	< 120V	220~240V	120 x 70 x 28.3mm	28000193
LCI 35W 900mA-1750mA TOP C	900mA–1,750mA	35W	< 60V	220~240V	120 x 70 x 28.3mm	28000195
LCI 55W 900mA-1750mA TOP C	900mA–1,750mA	55W	< 60V	220~240V	120 x 70 x 28.3mm	28000199
LCI 100W 900mA-1750mA TOP C	900mA–1.750mA	100W	< 120V	220~240V	140 x 100 x 30mm	28000203

¹⁾ Depending on the selected output current. Further details can be found in datasheet.



TALEXdriver TOP Independent

Designation	Output current	Output power ¹⁾	Output voltage range ¹⁾	Input voltage	Size	Order No.
LCI 20W 350mA-900mA TOP SR	350mA–900mA	20W	< 60V	220~240V	200 x 70 x 31mm	28000192
LCI 35W 350mA-900mA TOP SR	350mA–900mA	35W	< 120V	220~240V	220 x 85 x 31mm	28000194
LCI 35W 900mA-1750mA TOP SR	900mA–1,750mA	35W	< 60V	220~240V	220 x 85 x 31mm	28000196
LCI 55W 900mA-1750mA TOP SR	900mA–1,750mA	55W	< 60V	220~240V	220 x 85 x 31mm	28000200
LCI 100W 900mA-1750mA TOP SR	900mA–1,750mA	100W	< 120V	220~240V	235 x 100 x 31mm	28000204

¹⁾ Depending on the selected output current. Further details can be found in datasheet.



TALEXdriver TOP low profile

Designation	Output current	Output power ¹⁾	Output voltage range ¹⁾	Input voltage	Size	Order No.
LCI 20W 150mA-400mA TOP lp	150mA–400mA	20W	< 60V	220~240V	280 x 30 x 21mm	28000205
LCI 35W 150mA-400mA TOP lp	150mA–400mA	35W	< 250V	220~240V	280 x 30 x 21mm	28000839
LCI 65W 150mA-400mA TOP lp	150mA–400mA	65W	< 250V	220~240V	280 x 30 x 21mm	28000840
LCI 35W 350mA-900mA TOP lp	350mA–900mA	35W	< 60V	220~240V	360 x 30 x 21mm	28000439
LCI 35W 900mA-1750mA TOP lp	900mA–1,750mA	35W	< 60V	220~240V	360 x 30 x 21mm	28000440
LCI 65W 900mA-1750mA TOP lp	900mA–1,750mA	65W	< 60V	220~240V	360 x 30 x 21mm	28000444

¹⁾ Depending on the selected output current. Further details can be found in datasheet.


TALEXdriver TEC



▼ At a glance: TALEXdriver TEC


- __ Freedom of design thanks to linear, built-in and independent housing
- __ ENEC/CQC/RCM/CE approved
- __ High efficiency (up to 91.5% at full load)
- __ Suitable for TALEXmodule SLE (Downlights/Spotlights)
- __ Suitable for TALEXmodule QLE/LLE (Linear/Wide Area)
- __ Same form factor as conventional T5/T8 ballast for low profile version

TALEXdriver TEC Built-in

	Output current	Output power	Output voltage range	Input voltage	Efficiency	Size	Order No.
LCI 10W 350mA TEC C	350mA	10W	13–29V	220~240V _{ac}	83%	80 x 40 x 21 mm	87500239
LCI 10W 500mA TEC C	500mA	10W	9–20V	220~240V _{ac}	81%	80 x 40 x 21 mm	87500241
LCI 10W 700mA TEC C	700mA	10W	6.5–14.5V	220~240V _{ac}	80%	80 x 40 x 21 mm	87500243
LCI 20W 350mA TEC C	350mA	20W	26–57V	220~240V _{ac}	86%	93 x 58 x 26.2 mm	87500079 Last Order 04/16
LCI 20W 500mA TEC C	500mA	20W	18–40V	220~240V _{ac}	86%	93 x 58 x 26.2 mm	87500188 Last Order 04/16
LCI 20W 700mA TEC C	700mA	20W	13–29V	220~240V _{ac}	85%	93 x 58 x 26.2 mm	87500190
LCI 35W 350mA TEC C	350mA	35W	50–100V	220~240V _{ac}	90%	103 x 67 x 29.7 mm	87500192
LCI 35W 500mA TEC C	500mA	35W	35–70V	220~240V _{ac}	90%	103 x 67 x 29.7 mm	87500194
LCI 35W 700mA TEC C	700mA	35W	25–50V	220~240V _{ac}	89.5%	103 x 67 x 29.7 mm	87500196 Last Order 03/16
LCI 35W 1050mA TEC C	1,050mA	35W	16.5–33.5V	220~240V _{ac}	88%	103 x 67 x 29.7 mm	87500198
LCI 42W 900mA TEC C	900mA	42W	23–47V	220~240V _{ac}	90%	103 x 67 x 29.7 mm	87500245 Last Order 12/15
LCI 42W 1050mA TEC C	1,050mA	42W	20–40V	220~240V _{ac}	90%	103 x 67 x 29.7 mm	87500247 Last Order 04/16
LCI 60W 700mA TEC C	700mA	60W	46.5–85.5V	220~240V _{ac}	91.5%	123 x 75 x 29.7 mm	87500200
LCI 60W 1050mA TEC C	1,050mA	60W	31–57V	220~240V _{ac}	90.5%	123 x 75 x 29.7 mm	87500202 Last Order 04/16
LCI 65W 1400mA TEC C	1,400mA	65W	23–46.5V	220~240V _{ac}	90%	123 x 75 x 29.7 mm	87500204
LCI 65W 1750mA TEC C	1,750mA	65W	18.5–37V	220~240V _{ac}	90%	123 x 75 x 29.7 mm	87500206


Further details can be found in datasheet.

TALEXdriver TEC Built-in robust

	Output current	Output power	Output voltage range	Input voltage	Efficiency	Size	Order No.
LCI 100W 1400mA TEC C	1,400 mA	100W	35.5–71.5V	220~240V _{ac}	94%	140 x 100 x 28.3mm	87500267
LCI 100W 1750mA TEC C	1,750 mA	100W	28.5–58V	220~240V _{ac}	93.5%	140 x 100 x 28.3mm	87500268
LCI 100W 2100mA TEC C	2,100 mA	100W	23.5–47.5V	220~240V _{ac}	93.5%	140 x 100 x 28.3mm	87500269
LCI 150W 1750mA TEC C	1,750 mA	150W	43–86V	220~240V _{ac}	94.5%	140 x 100 x 28.3mm	87500270
LCI 150W 2100mA TEC C	2,100 mA	150W	35.5–71.5V	220~240V _{ac}	94%	140 x 100 x 28.3mm	87500271
LCI 150W 2450mA TEC C	2,450 mA	150W	30.5–61V	220~240V _{ac}	93.5%	140 x 100 x 28.3mm	87500272


Further details can be found in datasheet.

TALEXdriver TEC Independent

	Output current	Output power	Output voltage range	Input voltage	Efficiency	Size	Order No.
LCI 10W 350mA TEC SR	350mA	10W	13–29V	220~240V _{ac}	83%	101.5 x 51 x 29.5mm	87500240
LCI 10W 500mA TEC SR	500mA	10W	9–20V	220~240V _{ac}	82%	101.5 x 51 x 29.5mm	87500242
LCI 10W 700mA TEC SR	700mA	10W	6.5–14.5V	220~240V _{ac}	81%	101.5 x 51 x 29.5mm	87500244
LCI 20W 350mA TEC SR	350mA	20W	26–57V	220~240V _{ac}	86%	101.5 x 51 x 29.5mm	87500187
LCI 20W 500mA TEC SR	500mA	20W	18–40V	220~240V _{ac}	86%	101.5 x 51 x 29.5mm	87500189
LCI 20W 700mA TEC SR	700mA	20W	13–29V	220~240V _{ac}	85%	101.5 x 51 x 29.5mm	87500191
LCI 35W 350mA TEC SR	350mA	35W	50–100V	220~240V _{ac}	90%	159.4 x 82 x 34mm	87500193
LCI 35W 500mA TEC SR	500mA	35W	35–70V	220~240V _{ac}	90%	159.4 x 82 x 34mm	87500195
LCI 35W 700mA TEC SR	700mA	35W	25–50V	220~240V _{ac}	89.5%	159.4 x 82 x 34mm	87500197
LCI 35W 1050mA TEC SR	1,050mA	35W	16.5–33.5V	220~240V _{ac}	88%	159.4 x 82 x 34mm	87500199
LCI 42W 900mA TEC SR	900mA	42W	23–47V	220~240V _{ac}	90%	159.4 x 82 x 34mm	87500246
LCI 42W 1050mA TEC SR	1,050mA	42W	20–40V	220~240V _{ac}	90%	159.4 x 82 x 34mm	87500248
LCI 60W 700mA TEC SR	700mA	60W	46.5–85.5V	220~240V _{ac}	91.5%	159.4 x 82 x 34mm	87500201
LCI 60W 1050mA TEC SR	1,050mA	60W	31–57V	220~240V _{ac}	90.5%	159.4 x 82 x 34mm	87500203
LCI 65W 1400mA TEC SR	1,400mA	65W	23–46.5V	220~240V _{ac}	90%	159.4 x 82 x 34mm	87500205
LCI 65W 1750mA TEC SR	1,750mA	65W	18.5–37V	220~240V _{ac}	90%	159.4 x 82 x 34mm	87500207


Further details can be found in datasheet.

TALEXdriver TEC Linear Low Profile

	Output current	Output power	Output voltage range	Input voltage	Efficiency	Size	Order No.
LCI 10W 350mA TEC lp	350mA	10W	13–29V	220~240V _{ac}	83%	145 x 22 x 21mm	87500219
LCI 20W 350mA TEC lp	350mA	20W	26–57V	220~240V _{ac}	88%	230 x 30 x 21mm	87500220
LCI 20W 500mA TEC lp	500mA	20W	18–40V	220~240V _{ac}	88%	230 x 30 x 21mm	87500221
LCI 20W 700mA TEC lp	700mA	20W	13–29V	220~240V _{ac}	86%	230 x 30 x 21mm	87500222
LCI 35W 500mA TEC lp	500mA	35W	35–70V	220~240V _{ac}	90%	280 x 30 x 21mm	87500224
LCI 35W 700mA TEC lp	700mA	35W	25–50V	220~240V _{ac}	88.5%	280 x 30 x 21mm	87500225
LCI 35W 1050mA TEC lp	1,050mA	35W	16.5–33.5V	220~240V _{ac}	87.5%	280 x 30 x 21mm	87500226
LCI 60W 700mA TEC lp	700mA	60W	46.5–85.5V	220~240V _{ac}	91.5%	360 x 30 x 21mm	87500227
LCI 60W 1050mA TEC lp	1,050mA	60W	31–57V	220~240V _{ac}	90.5%	360 x 30 x 21mm	87500228
LCI 65W 1400mA TEC lp	1,400mA	65W	23–46.5V	220~240V _{ac}	90%	360 x 30 x 21mm	87500229
LCI 65W 1750mA TEC lp	1,750mA	65W	18.5–37V	220~240V _{ac}	89.5%	360 x 30 x 21mm	87500230

Further details can be found in datasheet.

TALEXdriver TEC Linear Low Profile – ADVANCED

	Output current	Output power	Output voltage range	Input voltage	Efficiency	Size	Order No.
LCI 35W 250mA TEC Ip	250 mA	35 W	47 - 140 V	220~240 V _{ac}	90 %	280x30x21 mm	87500322
LCI 35W 300mA TEC Ip	300 mA	35 W	47 - 117 V	220~240 V _{ac}	89 %	280x30x21 mm	87500323
LCI 35W 350mA TEC Ip	350 mA	35 W	45 - 100 V	220~240 V _{ac}	89 %	280x30x21 mm	87500324
LCI 65W 250mA TEC Ip	250 mA	65 W	112 - 250 V	220~240 V _{ac}	93 %	280x30x21 mm	87500325
LCI 65W 300mA TEC Ip	300 mA	65 W	97 - 217 V	220~240 V _{ac}	92 %	280x30x21 mm	87500326
LCI 65W 350mA TEC Ip	350 mA	65 W	83 - 186 V	220~240 V _{ac}	92 %	280x30x21 mm	87500327

Further details can be found in datasheet.

▼ At a glance: LCI TEC Ip – ADVANCED

- ___ Improved output current tolerance +/- 5 %
- ___ Low output current ripple +/- 15 %
- ___ Perfect fit for TALEXmodules LLE G3 and ESSENCE



Individually combined: Tridonic components for Sattler Lighting, Göppingen

The new headquarters of this designer luminaire manufacturer has a floor area of around 2500 square metres and accommodates a large showroom, with generous meeting rooms and offices in addition to storerooms and social areas. The lighting throughout the building is state of the-art with regard to technology, visual comfort and energy efficiency. Long-life LED light sources are used together with the connecDIM light management system with which the artificial lighting is regulated according to the amount of available daylight to create the ideal conditions with optimum energy efficiency based on demand.

▼ Tridonic products used:

- ___ connecDIM Gateway
- ___ DALI interface module RS232 PS/S
- ___ MSensor 5DPI 14rc
- ___ Control module DALI XC
- ___ Switching cabinet relay DALI-RM/S 4x10A
- ___ Mains adapter for x-touchPANEL



Sattler Lighting in Göppingen
For further reference stories go to
www.tridonic.com/references

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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.



TALEXengine DLE



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TALEXengine LLE-FLEX



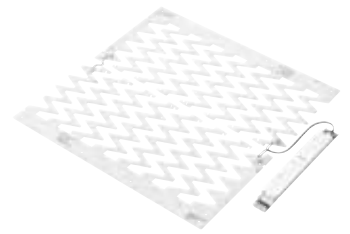
TALEXengine SLE



TALEXengine FLE



TALEXengine LLE



TALEXengine QLE

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



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