LED Module

Module SLE

For spot- and downlights

TRIDONIC

Applications and Product Portfolio
The new LED generation for spot- and downlights
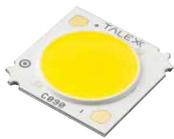

Product Portfolio – Overview

ESSENCE

Cost-effective
Static White (3,000 K, 3,500 K and 4,000 K) with a CRI > 80 and a CRI > 90

ADVANCED

Simplicity itself
Static White (2,700 K; 3,000 K; 3,500 K; 4,000 K) with a CRI > 80 and a CRI > 90, long lifetime and high lm/W output
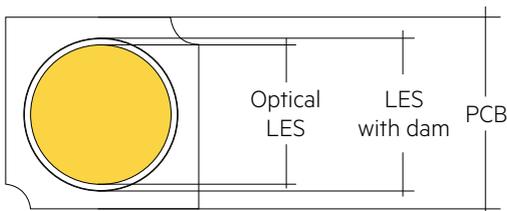

EXCITE

Flexible
Application-specific light colours: SUNSET, FOOD, ART, FASHION, TINGE

PREMIUM

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

	LES 23 (mm)	LES 19 (mm)	New LES 17 (mm)	LES 15 (mm)	LES 10 (mm)
LES with dam	23	19	17	15	10
Optical LES	21.5	17.5	15.5	13.5	8.5
PCB size	31x31	31x31	19x19	19x19	13.5x13.5

Module SLE G6 offers an impressive increase in efficiency of up to 30 %, and the portfolio has also been restructured: Thanks to the high operating current, ESSENCE LED modules offer high luminous efficacy at an optimum price level and a lifetime of 50,000 hours. With their low operating current, ADVANCED LED modules offer best performance at high efficiency and are now available with a CRI of 90.

There is also greater variety and quality in colour rendering. The colour rendering has been improved for products with a CRI of 80 thanks to a greatly improved RI 9 value. There are alternatives with a CRI of 90 available for particularly demanding requirements. Engine SLE is the perfect system solution in combination with fixed-output or dimmable LED Drivers from Tridonic (www.tridonic.at/setbuilder).

ESSENCE

LES 15

LES 17
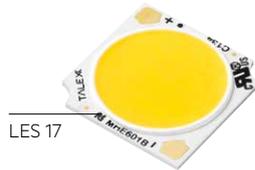
At a glance: Module SLE ESSENCE

__ Typ. luminous flux categories: 4,000 lm / 3,000 lm
__ High module efficacy up to 152 lm/W
__ Excellent colour rendering (CRI > 80 and CRI > 90)
__ Narrow colour tolerances: MacAdam 3
__ 5-year guarantee

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.
		HE	NM	HO	HE	NM	HO			
SLE G6 15mm 3000lm 830 R SNC	3,000	1,780	2,440	4,000	12.2	17.8	34.8	up to 146	19 x 19	28001684
SLE G6 15mm 3000lm 840 R SNC	4,000	1,850	2,540	4,170	12.2	17.8	34.8	up to 152	19 x 19	28001685
SLE G6 15mm 3000lm 930 R SNC	3,000	1,510	2,070	3,390	12.2	17.8	34.8	up to 124	19 x 19	28001686
SLE G6 15mm 3000lm 935 R SNC	3,500	1,570	2,150	3,530	12.2	17.8	34.8	up to 129	19 x 19	28002040
SLE G6 15mm 3000lm 940 R SNC	4,000	1,610	2,210	3,630	12.2	17.8	34.8	up to 132	19 x 19	28001687
SLE G6 17mm 4000lm 830 R SNC	3,000	2,530	4,210	5,300	17.4	33.5	46.8	up to 145	19 x 19	28001688
SLE G6 17mm 4000lm 840 R SNC	4,000	2,630	4,390	5,530	17.4	33.5	46.8	up to 151	19 x 19	28001689
SLE G6 17mm 4000lm 930 R SNC	3,000	2,140	3,570	4,490	17.4	33.5	46.8	up to 123	19 x 19	28001690
SLE G6 17mm 4000lm 935 R SNC	3,500	2,230	3,720	4,690	17.4	33.5	46.8	up to 128	19 x 19	28002041
SLE G6 17mm 4000lm 940 R SNC	4,000	2,290	3,820	4,820	17.4	33.5	46.8	up to 132	19 x 19	28001691

[1] Tolerance range for electrical data: ±10 % , tp=65 °C, tolerance range for optical data: ±10 %, HE=High Efficiency, NM=Nominal, HO=High Output

ADVANCED

LES 10   LES 15   LES 17   LES 19 +
LES 23

LES 15 with housing

LES 15 + LES 17 with D50 housing

LES 19 + LES 23 with housing

At a glance: Module SLE ADVANCED

__ Luminous flux range: 6,000 lm / 5,000 lm / 4,000 lm / 3,000 lm
__ High module efficacy up to 168 lm/W
__ Excellent colour rendering (CRI > 80 and 90)
__ High colour consistency (MacAdam 3)
__ Long lifetime L80 50,000 hours
__ 5-year guarantee

Type	Colour-temperature (K)	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 G6 10mm 1200lm 830 R ADV	3,000	1,220	1,640	2,200	8.8	12.7	19.1	up to 139	13.5 x 13.5	28001680		
SLE G6 10mm 1200lm 840 R ADV	4,000	1,270	1,710	2,290	8.8	12.7	19.1	up to 144	13.5 x 13.5	28001681		
SLE G6 10mm 1200lm 927 R ADV	2,700	1,010	1,350	1,820	8.8	12.7	19.1	up to 115	13.5 x 13.5	28001805		
SLE G6 10mm 1200lm 930 R ADV	3,000	1,040	1,390	1,860	8.8	12.7	19.1	up to 118	13.5 x 13.5	28001682		
SLE G6 10mm 1200lm 940 R ADV	4,000	1,110	1,490	1,990	8.8	12.7	19.1	up to 126	13.5 x 13.5	28001683		
SLE G6 15mm 3000lm 827 R ADV	2,700	1,800	2,500	4,150	11.8	17.3	33.1	up to 153	19 x 19	89602627		
SLE G6 15mm 3000lm 830 R/C/H ADV	3,000	1,850	2,560	4,250	11.8	17.3	33.1	up to 157	19 x 19 Ø 35	89602628	89602639	89602635
SLE G6 15mm 3000lm 830 H D50 ADV									Ø 50			89602643
SLE G6 15mm 3000lm 835 R ADV	3,500	1,890	2,620	4,340	11.8	17.3	33.1	up to 160	19 x 19	89602629		
SLE G6 15mm 3000lm 840 R/C/H ADV	4,000	1,930	2,670	4,440	11.8	17.3	33.1	up to 164	19 x 19 Ø 35	89602630	89602640	89602636
SLE G6 15mm 3000lm 840 H D50 ADV									Ø 50			89602644
SLE G6 15mm 3000lm 927 R ADV	2,700	1,530	2,120	3,520	11.8	17.3	33.1	up to 130	19 x 19	89602631		
SLE G6 15mm 3000lm 930 R/C/H ADV	3,000	1,570	2,170	3,600	11.8	17.3	33.1	up to 133	19 x 19 Ø 35	89602632	89602641	89602637
SLE G6 15mm 3000lm 930 H D50 ADV									Ø 50			89602645
SLE G6 15mm 3000lm 935 R ADV	3,500	1,630	2,270	3,760	11.8	17.3	33.1	up to 138	19 x 19	89602633		
SLE G6 15mm 3000lm 940 R/C/H ADV	4,000	1,680	2,330	3,860	11.8	17.3	33.1	up to 142	19 x 19 Ø 35	89602634	89602642	89602638
SLE G6 15mm 3000lm 940 H D50 ADV									Ø 50			89602646
SLE G6 17mm 4000lm 827 R ADV	2,700	2,530	4,280	5,430	17.0	32.4	44.9	up to 149	19 x 19	89602712		
SLE G6 17mm 4000lm 830 R/C/H ADV	3,000	2,600	4,390	5,570	17.0	32.4	44.9	up to 153	19 x 19 Ø 50	89602713	89602724	89602720
SLE G6 17mm 4000lm 835 R ADV	3,500	2,650	4,480	5,690	17.0	32.4	44.9	up to 156	19 x 19	89602714		
SLE G6 17mm 4000lm 840 R/C/H ADV	4,000	2,710	4,580	5,800	17.0	32.4	44.9	up to 159	19 x 19	89602715	89602725	89602721
SLE G6 17mm 4000lm 927 R ADV	2,700	2,150	3,630	4,600	17.0	32.4	44.9	up to 126	19 x 19	89602716		
SLE G6 17mm 4000lm 930 R/C/H D50 ADV	3,000	2,200	3,720	4,720	17.0	32.4	44.9	up to 129	19 x 19 Ø 50	89602717	89602726	89602722
SLE G6 17mm 4000lm 935 R ADV	2,700	2,290	3,880	4,920	17.0	32.4	44.9	up to 135	19 x 19	89602718		
SLE G6 17mm 4000lm 940 R/C/H D50 ADV	4,000	2,360	3,990	5,060	17.0	32.4	44.9	up to 139	19 x 19 Ø 50	89602719	89602727	89602723
SLE G6 19mm 5000lm 827 R/C/H ADV	2,700	2,650	5,150	6,530	16.8	37.8	52.5	up to 158	31 x 31 Ø 50	89602647	89602663	89602655
SLE G6 19mm 5000lm 830 R/C/H ADV	3,000	2,720	5,280	6,700	16.8	37.8	52.5	up to 162	31 x 31 Ø 50	89602648	89602664	89602656
SLE G6 19mm 5000lm 830 H ADV T												89602672
SLE G6 19mm 5000lm 835 R/C/H ADV	3,500	2,770	5,390	6,840	16.8	37.8	52.5	up to 165	31 x 31 Ø 50	89602649	89602665	89602657
SLE G6 19mm 5000lm 840 R/C/H ADV	4,000	2,830	5,550	6,980	16.8	37.8	52.5	up to 168	31 x 31 Ø 50	89602650	89602666	89602658
SLE G6 19mm 5000lm 840 H ADV T												89602673
SLE G6 19mm 5000lm 927 R/C/H ADV	2,700	2,240	4,360	5,540	16.8	37.8	52.5	up to 133	31 x 31 Ø 50	89602651	89602667	89602659

[1] Tolerance range for electrical data: ±10 %, tolerance range for optical data: ±10 %, tp=65 °C, HE=High Efficiency, NM=Nominal, HO=High Output, Tim (T)=Thermal interface material

Module SLE

ADVANCED

Type	Colour-temperature (K)	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 G6 19mm 5000lm 930 R/C/H ADV	3,000	2,230	4,470	5,670	16.8	37.8	52.5	up to 137	31 x 31 Ø 50	89602652	89602668	89602660
SLE G6 19mm 5000lm 930 H ADV T												89602674
SLE G6 19mm 5000lm 935 R/C/H ADV	3,500	2,400	4,660	5,920	16.8	37.8	52.5	up to 143	31 x 31 Ø 50	89602653	89602669	89602661
SLE G6 19mm 5000lm 935 H ADV T												89602824
SLE G6 19mm 5000lm 940 R/C/H ADV	4,000	2,470	4,790	6,080	16.8	37.8	52.5	up to 147	31 x 31 Ø 50	89602654	89602670	89602662
SLE G6 19mm 5000lm 940 H ADV T												89602675
SLE G6 23mm 6000lm 827 R/H ADV	2,700	3,740	5,400	8,370	23.4	36.3	64.2	up to 160	31 x 31 Ø 50	89602676		89602684
SLE G6 23mm 6000lm 830 R/C/H ADV	3,000	3,840	5,540	8,580	23.4	36.3	64.2	up to 164	31 x 31 Ø 50	89602677	89602692	89602685
SLE G6 23mm 6000lm 830 H ADV T												89602699
SLE G6 23mm 6000lm 835 R/C/H ADV	3,500	3,920	5,650	8,760	23.4	36.3	64.2	up to 168	31 x 31 Ø 50	89602678	89602693	89602686
SLE G6 23mm 6000lm 840 R/C/H ADV	4,000	4,000	5,770	8,950	23.4	36.3	64.2	up to 171	31 x 31 Ø 50	89602679	89602694	89602687
SLE G6 23mm 6000lm 840 H ADV T												89602700
SLE G6 23mm 6000lm 927 R/H ADV	2,700	3,170	4,580	7,090	23.4	36.3	64.2	up to 135	31 x 31 Ø 50	89602680		89602688
SLE G6 23mm 6000lm 930 R/C/H ADV	3,000	3,250	4,690	7,270	23.4	36.3	64.2	up to 139	31 x 31 Ø 50	89602681	89602695	89602689
SLE G6 23mm 6000lm 930 H ADV T												89602701
SLE G6 23mm 6000lm 935 R/C/H ADV	3,500	3,390	4,890	7,580	23.4	36.3	64.2	up to 145	31 x 31 Ø 50	89602682	89602696	89602690
SLE G6 23mm 6000lm 940 R/C/H ADV	4,000	3,490	5,030	7,790	23.4	36.3	64.2	up to 149	31 x 31 Ø 50	89602683	89602697	89602691
SLE G6 23mm 6000lm 940 H ADV T												89602702

[1] Tolerance range for electrical data: ±10 %, tolerance range for optical data: ±10 %, tp=65 °C, HE=High Efficiency, NM=Nominal, HO=High Output, Tim (T)=Thermal interface material

EXCITE
SUNSET

The modern SUNSET LED light is ideal for creating a special atmosphere. Dimming changes the intensity of the light and its colour temperature, as with a real sunset, creating an atmospheric effect similar to that provided by an ordinary light bulb. The pleasant warm light, dimmable down to 1,800 K, creates a candlit atmosphere.

NEW Type	Colour-temperature (K)	Typ. luminous flux[1] Operation current (lm)	Typical power consumption (W)	Size (mm)	Order No. Raw (R)	Housing (H)
SLE G1 11mm 1000lm 927 SUNSET R/H EXC	1,800 – 2,700	1,140	13.4	19 x 19 Ø 35	89602602	89602605
SLE G1 15mm 2000lm 927 SUNSET R/H EXC	1,800 – 2,700	1,700	18.1		89602603	89602606

[1] Tolerance range for electrical data: ±10 %, tp=65 °C, tolerance range for optical data: ±10 %,

Module SLE
EXCITE
FOOD

LED modules specifically designed for FOOD lighting systems display food in the best light – white elements stay white and colours appear more vibrant and natural. For example, rich brown tones give bakery items a crusty look, warm red tones make meat appear juicier, and cold light colours underline the freshness of fish and seafood.

Light effect: baked goods and cheese

GOLD
— The brown shades let bread and pastries appear crispy

GOLD+
— The brown shades appear crisper. Colour shades are stronger as GOLD

Light effect: meat products

MEAT+
— The red tones of the meat and sausages are noticeably stronger

Fresh meat
— A presentation of fresh and juicy meats and sausages is guaranteed
— White elements remain white

Light effect: fish and seafood

FISH
— Very cold light underlines the freshness of fish and seafood.

Type	Colour-temperature	Typ. luminous flux[1] Operation current (lm)			Typical power consumption Nominal Mode[1] (W)	Size (mm)	Order No.	
		HE	NM	HO			Cable (C)	Housing (H)
Baked goods and cheese								
SLE G6 19mm 5000lm GOLD C/H EXC	Gold	2,030	4,070	5,160	37.8	Ø 50	89602804	89602795
SLE G6 19mm 5000lm GOLD+ C/H EXC	Gold+	2,960	2,860	3,680	37.8	Ø 50	89602805	89602797
SLE G6 23mm 6000lm GOLD C/H EXC	Gold	2,630	5,490	7,360	49.9	Ø 50	89602807	89602793
SLE G6 23mm 6000lm GOLD+ C/H EXC	Gold+	2,080	3,850	5,170	49.9	Ø 50	89602808	89602792
Meat products								
SLE G6 19mm 5000lm FRESH MEAT C/H EXC	Fresh Meat	1,340	2,610	3,310	37.8	Ø 50	89602785	89602786
SLE G6 19mm 5000lm MEAT+ C/H EXC	Meat+	1,430	2,770	3,520	37.8	Ø 50	89602799	89602790
SLE G6 23mm 6000lm FRESH MEAT C/H EXC	Fresh Meat	1,900	3,520	4,720	49.9	Ø 50	89602801	89602794
SLE G6 23mm 6000lm MEAT+C/H EXC	Meat+	2,020	3,740	5,020	49.9	Ø 50	89602798	89602788
FIsh products								
SLE G6 19mm 5000lm FISH C/H EXC	FISH	2,320	4,520	5,730	37.8	Ø 50	89602803	89602819
SLE G6 23mm 6000lm FISH C/H EXC	FISH	3,290	6,090	8,180	49.9	Ø 50	89602806	89602820

[1] Tolerance range for electrical data: ±10 %, tp=65 °C, tolerance range for optical data: ±10 %, HE=High Efficiency, NM=Nominal, HO=High Output

Module SLE

EXCITE
ART

This LED module offers the high quality of light that is needed for displaying high value exhibits. Unique Tridonic full spectrum technology provides excellent colour rendering. The average value for all the products in the SLE ART series is CRI 98, a truly impressive figure. And you can also rely on outstanding colour consistency (MacAdam 2) for your applications.

Unique Light Quality in values

Ri01	Ri02	Ri03	Ri04	Ri05	Ri06	Ri07	Ri08	Ri09	Ri10	Ri11	Ri12	Ri13	Ri14
97	99	95	94	97	98	98	99	99	99	91	98	98	96

Type	Colour-temperature (K)	Typ. luminous flux[1] Operation current (lm)			Typical power consumption Nominal Mode[1] (W)	Size (mm)	Order No.
		HE	NM	HO			
SLE G6 19mm 5000lm 930 ART H EXC	3,000	2,000	3,890	4,940	37.8	Ø 50	89602796
SLE G6 23mm 6000lm 930 ART H EXC	3,000	2,830	5,240	6,340	49.9	Ø 50	89602800

[1] Tolerance range for electrical data: ±10 %, tp=65 °C, tolerance range for optical data: ±10 %, HE=High Efficiency, NM=Nominal, HO=High Output

Module SLE

EXCITE
FASHION

The modern FASHION LED light is ideal for the sparkling display of fashion. The technology conceals several years of intensive research targeted specifically for lighting in the retail sector. SLE FASHION generates brilliant colours with pleasant warm tones and high saturation, and completely without UV light, as well as intensive and friendly white tones thanks to the specific blue light component, for the display of goods in perfect, colour-true light.

With a little warmer colour place the special Tinge modules let objects shine more lively.

Type	Colour-temperature (K)	Typical luminous flux[1] Operation current (lm)			Typical power consumption Nominal Mode[1] (W)	Size (mm)	Order No.		
		HE	NM	HO			Raw (R)	Cable (C)	Housing (H)
SLE G6 10mm 1200lm FASHION C EXC	3,250	940	1,260	1,700	12.7	13.5 x 13.5		89602881	
SLE G6 15mm 3000lm FASHION R/C EXC	3,250	1,430	1,980	3,280	17.3	19 x 19	89602827	89602880	
SLE G6 17mm 4000lm FASHION R/H D50 EXC	3,250	2,000	3,380	4,290	32.4	19 x 19 Ø 50	89602802		89602828
SLE G6 19mm 5000lm FASHION C/H EXC	3,250	2,090	4,070	5,160	37.8	31 x 31 Ø 50		89602851	89602784
SLE G6 23mm 6000lm FASHION H EXC	3,250	2,960	5,490	7,370	49.9	Ø 50			89602791
SLE G6 15mm 3000lm 930 Tinge R EXC	3,000	1,410	1,930	3,160	17.8	19 x 19	28001958		
SLE G6 17mm 4000lm 930 Tinge R EXC	3,000	2,010	3,350	4,220	33.5	19 x 19	28001717		

[1] Tolerance range for electrical data: ±10 %, tp=65 °C, tolerance range for optical data: ±10 %, HE=High Efficiency, NM=Nominal, HO=High Output

Module SLE
EXCITE/ADVANCED
Extreme Density (XD)

LES 6

LES 11

LES 15 with housing

LES 15

At a glance: Module SLE XD

__ Luminous flux range: 5,000 lm / 3,000 lm / 1,200 lm
__ High module efficacy up to 126 lm/W
__ High colour consistency (MacAdam 3)
__ Long lifetime L90 50.000 hours
__ 5-year guarantee

The XD version (Extreme Density) provides the basis for modules with extremely small LES diameters of 6, 11 and 15 mm and very high luminous flux values for narrow beam angles and therefore even more precise merchandise illumination.

Module SLE XD ADVANCED

Type	Colour-temperature (K)	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 6mm 1200lm 830 XD R/C ADV	3,000	770	1,030	1,340	6.4	9.2	13.4	up to 120	13.5 x 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	13.5 x 13.5	89602183	89602179	
SLE G5 11mm 3000lm 830 XD R ADV	3,000	2,220	2,910	3,530	17.9	25.9	34.5	up to 124	13.5 x 13.5	89602174		
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	13.5 x 13.5	89602175	89602171	
SLE G5 15mm 5000lm 830 XD R/H ADV	3,000	4,680	5,890	6,960	37.9	52.1	67.1	up to 123	19 x 19 Ø 50			89602302
SLE G5 15mm 5000lm 840 XD R/C ADV	4,000	4,710	5,910	6,960	37.9	52.1	67.1	up to 124	19 x 19 Ø 50		89602162	

[1] Tolerance range for electrical data: ±10 %, tolerance range for optical data: ±10 %, tp=65 °C, HE=High Efficiency, NM=Nominal, HO=High Output,

Module SLE XD EXCITE

Type	Colour-temperature (K)	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 6mm 1200lm 930 XD R/C EXC	3,000	640	830	1,070	6.4	9.2	13.4	up to 100	13.5 x 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	13.5 x 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	13.5 x 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	13.5 x 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	19 x 19 Ø 50		89602164	
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	19 x 19 Ø 50		89602165	

[1] Tolerance range for electrical data: ±10 %, tolerance range for optical data: ±10 %, tp=65 °C, HE=High Efficiency, NM=Nominal, HO=High Output

Engine SLE

PREMIUM
Dynamic Light with Tunable White

SLE PREMIUM KIT
mit LED-Driver

SLE PREMIUM KIT

At a glance: Engine SLE PREMIUM

__ Colour temperature: 2,700 K to 6,500 K; Tunable White
(dimmable and controllable colour temperatures along the
planckian curve)
__ Extended colour space for individual colour spectrum e.g. for
lighting for food
__ Colour rendering/colour tolerance: CRI > 90 / MacAdam 3
__ Dimming range of 100 to 15 % without changing the colour
temperature
__ Low-profile LED Drivers with digital interface (DALI DT8, DSI,
switchDIM, colourSWITCH) and very low standby power (<0.5 W)
__ Luminous flux (tp = 65 °C): 2,050 lm or 1,350 lm
__ Long lifetime of 50,000 hours
__ System guarantee: 5 years

**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 compris-
ing 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 2,700 K
and 6,500 K to meet the specific needs of the relevant application. The
system has a dimming range between 100 and 15 %.

*Tunable white is based on PI-LED® technology.
PI-LED® is a registered brand of Lumitech.

Engine SLE
PREMIUM

Type	System components	Colour temperature (K)	Mac Adam	Typ. luminous flux[1] (lm)	CRI	Typ. power consumption.[1] (W)	System efficacy (lm/W)	Size (mm)	Order No. without housing	Order No. with housing
STARK-SLE-2000-927-965-PRE-KIT	LMAI + SLE-2000	2,700 K – 6,500 Tunable White	SDCM 3	2,050	> 90	31.7	65	Ø 50	89601743	89601742
STARK-SLE-1400-927-965-PRE-KIT	LMAI + SLE-1400	2,700 K – 6,500 Tunable White	SDCM 3	1,350	> 90	22.2	61	Ø 50	89601741	89601740

1) Tolerance range for electrical and optical data: ±10 %, tp=65 °C

Matching Driver

Type	Driver remote LCAU 2x020/0048 L020 one4all Order No. 28000887	Driver built-in LCAU 2x020/0048 L010 one4all Order No. 28000907	Driver LMAI 44/500 P020 SPI 48V (already in KIT included)
STARK-SLE-2000-927-965-PRE-KIT	■	■	■
STARK-SLE-1400-927-965-PRE-KIT	■	■	■

Matching connection cable
Accessory CONNECT

RJ45/RJ45

Type	Connection	Order No.	Length (m)
RJ45/RJ45 1,0m	Driver LCAU to Driver LMAI	24166480	1
RJ45/RJ45 2,0m	Driver LCAU to Driver LMAI	24166481	2
10PIN PLUG/10 PIN PLUG 0,2m	Driver LMAI to Module	24166482	0,2

The appropriate cap for an uniform distribution of light
Accessory LENS MIXING CAP

LED MIXING CAP SLE

Type	Order No.
LED MIXING CAP STARK SLE 1500	88167564
LED MIXING CAP STARK SLE 2500	88167565

Matching accessories

DALI Touch-panel 02

x/e-touchPANEL02

Type	Order No.
DALI Touchpanel 02	28000022
x/e-touchPANEL 02	28000005

Bundling brings movement into your spotlight design
Fewer components, more variety

1,600 lm

650 mA
600 mA
700 mA
500 mA
800 mA
600 mA
500 mA
800 mA
450 mA
850 mA
400 mA
900 mA
350 mA
950 mA
1,050 mA

5,500 lm

100 % Tridonic

No flicker*

Designed for
best performance

Easy handling
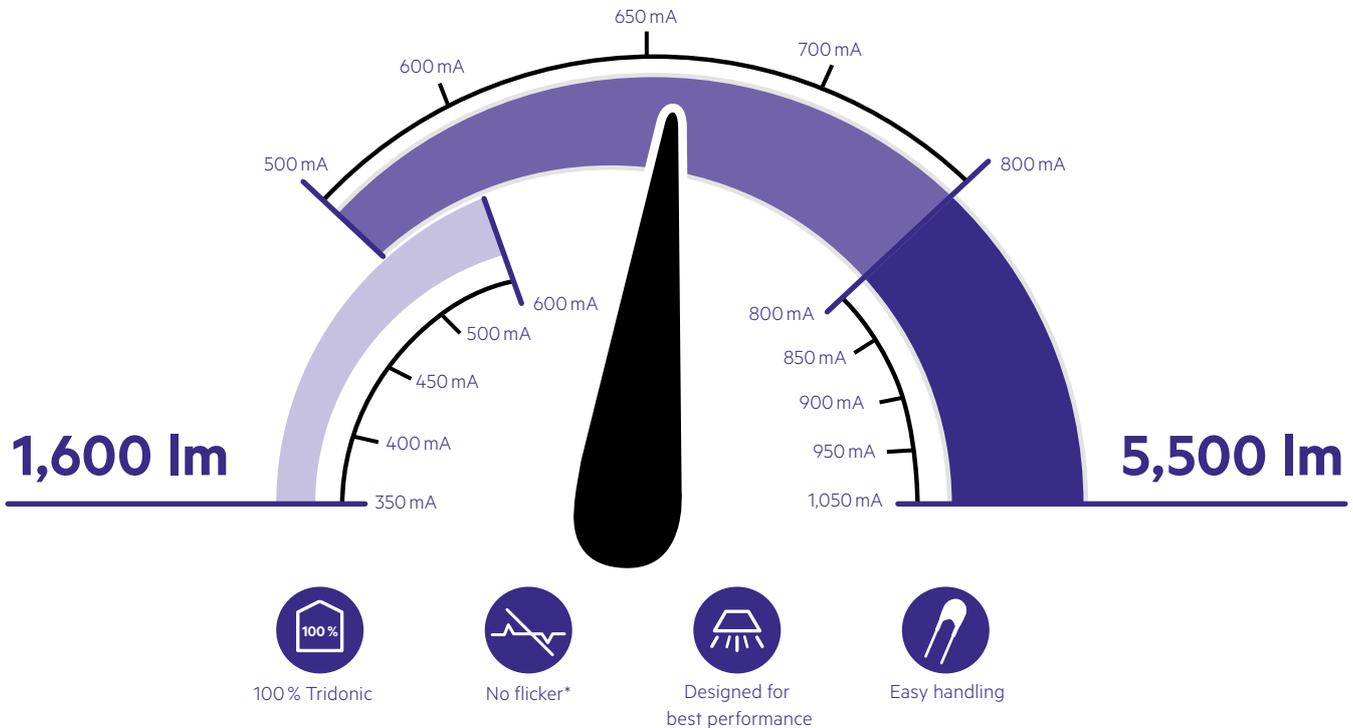
Spotlights can now be manufactured even more efficiently:
**Three drivers are sufficient to cover the entire lumen
bandwidth of an LED module. The result is maximum
flexibility with regard to product design, which goes hand in
hand with low storage costs.**

Financial advantages

— Only one LES19 LED module for all common lumen packages
  for a luminaire
— Easy output current selection by plug, making it possible to use
  different amounts of luminous flux with one driver
— 100% Tridonic solution for optimum service and warranty

Technical advantages

— Stretched Compact housing just 97 mm in length for the further
  miniaturisation of spotlights and downlights, with optional strain relief
— *Low ripple current (+/-5 %) for flicker-free luminaires
— Forward voltage that is perfectly attuned for efficient operation
  of the SLE modules
— Safe electrical connection due to strain relief (optional)

Driver flexC SC ADVANCED
25 W 350-600 mA
35 W 500-800 mA
40 W 800-1,050 mA
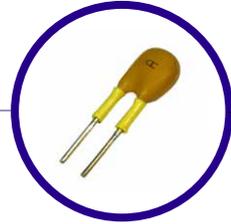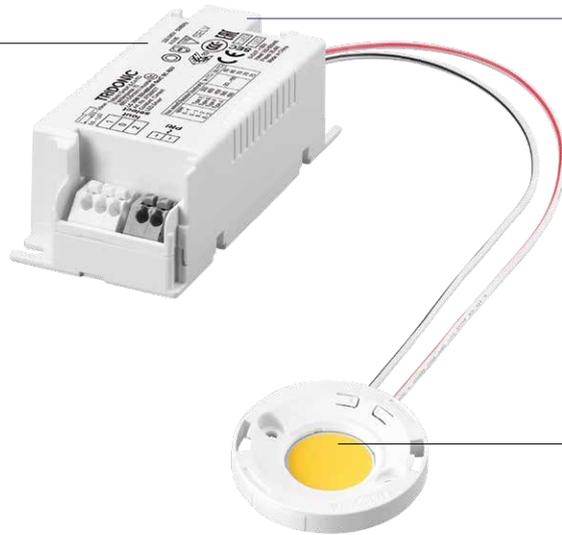
ADV Plug

Module
SLE G6 10 mm 1,200 lm 830 ADV
SLE G6 15 mm 3,000 lm 830 ADV
SLE G6 17 mm 4,000 lm 830 ADV
SLE G6 19 mm 5,000 lm 830 ADV
SLE G6 23 mm 6,000 lm 830 ADV

Overview of available luminous flux
Bundling: LC flexC ADVANCED driver & SLE G6 830 ADV module

Driver	Module	Luminus flux			
		2.000 lm	3.000 lm	4.000 lm	5.000 lm
LC flexC SC ADV 25W 350 mA 400 mA 450 mA 500 mA 600 mA	**SLE G6** 10 mm	▰			
	SLE G6 15 mm	▰			
	SLE G6 17 mm	▰			
	SLE G6 19 mm	▰			
	SLE G6 23 mm	▰			
LC flexC SC ADV 35W 500 mA 600 mA 650 mA 700 mA 800 mA	**SLE G6** 10 mm		▰		
	SLE G6 15 mm		▰		
	SLE G6 17 mm		▰		
	SLE G6 19 mm		▰		
	SLE G6 23 mm		▰		
LC flexC SC ADV 40W 800 mA 850 mA 900 mA 950 mA 1.050 mA	**SLE G6** 15 mm			▰	
	SLE G6 17 mm			▰	
	SLE G6 19 mm			▰	
	SLE G6 23 mm			▰	

Tridonic Setbuilder
Additional driver / module combinations can be found quickly and easily using the Web Tool from Tridonic.

Overview

SLE G6			Typ / CRI	RAW		CABLE		HOUSING		HOUSING D50		HOUSING TIM	
Layer	LES	Color		80	90	80	90	80	90	80	90	80	90
SNC	15	27											
SNC	15	30		28001684	28001686								
SNC	15	35											
SNC	15	40		28001685	28001687								
SNC	17	27											
SNC	17	30		28001688	28001690								
SNC	17	35											
SNC	17	40		28001689	28001691								
ADV	10	27			28001805								
ADV	10	30		28001680	28001682	28001666	28001693						
ADV	10	35											
ADV	10	40		28001681	28001683	28001692	28001694						
ADV	15	27		89602627	89602631								
ADV	15	30		89602628	89602632	89602639	89602641	89602635	89602637	89602643	89602645		
ADV	15	35		89602629	89602633								
ADV	15	40		89602630	89602634	89602640	89602642	89602636	89602638	89602644	89602646		
ADV	17	27		89602712	89602716								
ADV	17	30		89602713	89602717	89602724	89602726			89602720	89602722		
ADV	17	35		89602714	89602718								
ADV	17	40		89602715	89602719	89602725	89602727			89602721	89602723		
ADV	19	27		89602647	89602651	89602663	89602667	89602655	89602659				
ADV	19	30		89602648	89602652	89602664	89602668	89602656	89602660			89602672	89602674
ADV	19	35		89602649	89602653	89602665	89602669	89602657	89602661				89602824
ADV	19	40		89602650	89602654	89602666	89602670	89602658	89602662			89602673	89602675
ADV	23	27		89602676	89602680			89602684	89602688				
ADV	23	30		89602677	89602681	89602692	89602695	89602685	89602689			89602699	89602701
ADV	23	35		89602678	89602682	89602693	89602696		89602690				
ADV	23	40		89602679	89602683	89602694	89602697	89602687	89602691			89602700	89602702
EXC	10	FASHION					89602881						
EXC	15	FASHION			89602827		89602880						
EXC	15	TINGE			28001958								
EXC	17	FASHION			89602802						89602828		
EXC	17	TINGE			28001717								
EXC	19	FASHION					89602851		89602784				
EXC	19	ART							89602796				
EXC	19	FRESH MEAT					89602785		89602786				
EXC	19	MEAT+					89602799		89602790				
EXC	19	GOLD					89602804		89602795				
EXC	19	GOLD+					89602805		89602797				
EXC	19	FISH					89602803		89602819				
EXC	23	FASHION							89602791				
EXC	23	ART							89602800				
EXC	23	FRESH MEAT					89602801		89602794				
EXC	23	MEAT+					89602798		89602788				
EXC	23	GOLD					89602807		89602793				
EXC	23	GOLD+					89602808		89602792				
EXC	23	FISH					89602806		89602820				
G5 ADV XD	6	30		89602182		89602178							
G5 ADV XD	6	40		89602183		89602179							
G5 ADV XD	11	30		89602174									
G5 ADV XD	11	40		89602175		89602171							
G5 ADV XD	15	30						89602302					
G5 ADV XD	15	40				89602162							
G5 EXC XD	6	30			89602184		89602180						
G5 EXC XD	6	40			89602185		89602181						
G5 EXC XD	11	30			89602176		89602172						
G5 EXC XD	11	40			89602177		89602173						
G5 EXC XD	15	30					89602164						
G5 EXC XD	15	40					89602165						

Support and advice
From a single source

Engine DLE

Engine CLE

Engine CLE Integrated

Engine LLE-FLEX

Engine SLE

Engine EM ready2apply

Engine LLE

Engine QLE

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

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

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Light you want to follow.