

TALEX LED

TALEXengine STARK FLE



Spotlights



Downlights



Linear



Wide Area



Floor | Wall



Free Standing



Decorative



High Bay

TALEXengine STARK FLE CLASSIC – Best in economy

- ___ Static White in different colour temperatures with a CRI > 80, 3,000 and 4,000 K or CRI > 70, 6,500 K
- ___ High light quality and high efficiency

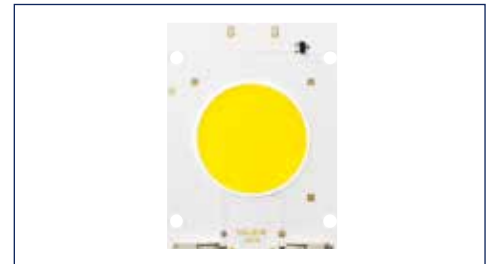
Typical applications



▼ At a glance: TALEXengine STARK 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 TALEXconverter (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
- ___ Ambient temperature from -25 to 65 °C
- ___ Maximum tc-point-temperature of 90 °C
- ___ Maximum surface temperature of 65 °C
- ___ System guarantee: 5 years

TALEXengine STARK FLE CLASSIC



Strong performance for high-ceiling rooms

The LED system for floodlighting high-ceiling rooms, comprising an LED converter and LED module and offering up to 10,000 and 18,600 lumen at $t_p=65^\circ$. These uniquely high lumen packages have their origins in extremely powerful Chip-On-Mirror technology. Equipped with a suitable converter, TALEXengine STARK FLE is perfect for use in the industrial sector, at airports and in shopping centres.

Components

The TALEXengine STARK FLE system comprises the following components:

- ___ TALEXmodule STARK FLE
- ___ TALEXconverter: There are suitable emergency lighting compatible converters in dimmable and non-dimmable versions available for operating the module.

Interfaces

- ___ DALI: Integrated DALI functionality enables the brightness to be controlled via a digital control signal.
- ___ switchDIM: The integrated switchDIM function allows a standard momentary-action switch to be connected directly for dimming purposes.
- ___ DSI: Integrated DSI functionality enables the brightness to be controlled via a digital control signal.
- ___ corridorFUNCTION: The integrated corridorFUNCTION enables the brightness to be automatically controlled via motion sensors.

TALEXengine STARK FLE CLASSIC

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	48x64 mm
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	48x64 mm
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	48x64 mm
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	48x64 mm
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	48x64 mm
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	48x64 mm

¹⁾Tolerance range for electrical data: ±10 %

Matching TALEXconverter

TALEXmodule	Order No.	TALEXconverter dimming			TALEXconverter 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							■

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

Support and advice from a single source

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
STARK DLE



TALEXengine
STARK SLE



TALEXengine
STARK FLE



TALEXengine
STARK CLE



TALEXengine
STARK LLE



TALEXengine
STARK INDI



TALEXengine
STARK QLE

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