

Expertise
Product quality
Close customer
contact



Product Leaflet

TALEXEngine STARK DLE TWIST



TRIDONIC
▼ enlightening your ideas

TALEXengine STARK DLE TWIST: Lots of light in a compact package

TALEXengine STARK DLE TWIST

CLASSIC



This is an all-in-one solution: the LED light source, converter and holder form a compact unit. With a constant luminous flux of 1,100 lumen in the CLASSIC version, this LED light engine is the ideal substitute for 13, 18 or 24 W compact fluorescent lamps and 50 W halogen luminaires. Thanks to a choice of colour temperatures and the ability to replace the light engine without the need for tools, TALEXengine STARK DLE TWIST is perfect for producing adaptable lighting moods for lounges, shops or wellness areas.

The light engine is easy to assemble and install. The electrical, mechanical and thermal connections are all provided. Replacement involves changing only the light engine, not the entire luminaire (both the holder and the reflectors are retained). TALEXengine STARK DLE TWIST is therefore a sustainable future-proof product that is economical with resources in terms of both manufacture and operation and will keep pace with future increases in the efficiency of LEDs. Further similarly designed modules with 2,000 lumen and more will follow shortly.

▼ At a glance: TALEXengine STARK DLE TWIST

- Complete LED light engine with integrated converter and suitable holder
- High system efficiency (up to 60 lm/W at 3,000 K, up to 70 lm/W at 4,000 K)
- White diffuser for a uniform and neutral appearance
- Simple installation without tools
- Colour temperatures: 4,000 K and 3,000 K (simple replacement possible in the application)
- High colour rendering index (CRI >80)
- Long life of 50,000 hours
- Sustainable lumen packages for precise lighting planning with narrow system tolerances (+/- 10%)
- 5-year system guarantee for the complete product



TALEXengine STARK DLE TWIST

The TALEXengine STARK DLE TWIST system is available in the following versions:

Properties / functions	TALEXengine STARK DLE TWIST CLASSIC
Colour temperature	3,000 K or 4,000 K
Luminous flux	1,100lm for 3,000 K and 1,100lm for 4,000 K
Colour rendering / colour tolerance	CRI > 80 / MacAdam 5 SDCM
System efficiency	60lm/W (at 3,000 K) 70lm/W (at 4,000 K)
Power draw	18.3 W
Beam characteristic	103°
Rated supply voltage	220–240 V
Mains frequency	50/60 Hz
Ambient temperature t_a	-25 to +40 °C
Typical t_c point	65 °C
Protection class, system solution	Protection class I
System guarantee	5 years

Typical applications

is perfect in indoor applications as a downlight for general illumination:

- Sales and presentations
- Offices and Schools
- Art and culture
- Hotels and wellness area



Quick and simple twist and lock mounting



The electrical, mechanical and thermal connections are all provided.



The cable outlets allow for space-saving wiring.

TALEXengine STARK DLE TWIST CLASSIC

The TALEXengine STARK DLE TWIST CLASSIC system is an attractive entry-level solution for general illumination with LEDs.

Type	Art. no.	Colour temperature	Colour rendering/ tolerance	Typical luminous flux*	Efficiency LED module*
STARK DLE TST F 1100 830 CLA	25000749	3,000 K	CRI > 80, MacAdam 5 SDCM	1,100 lm	60 lm/W
STARK DLE TST F 1100 840 CLA	25000750	4,000 K	CRI > 80, MacAdam 5 SDCM	1,100 lm	70 lm/W

*tolerance range for electrical data: ±10 %, tolerance range for optical data: ±10 %

The right holder – TALEXaccessory SOCKET

Type	Art. no.
LH 1/2 65-2	88167495



► For more technical details on this product go to led.tridonic.com.

Product application matrix

Whether you are looking for wide-area lighting or focused accent lighting, our wide range of TALEX products will help you create an individual atmosphere and highlight specific areas exactly as you want. Our product portfolio includes individual light points, round, rectangular and strip versions. Specially matched operating equipment such as converters, amplifiers and sequencers round off the components for a perfect system solution: They guarantee ideal operation and maximum efficiency.

TALEXengine	Luminaire application							
	Spotlights	Downlights	Linear luminaires	Wide-area luminaires	Recessed floor & wall-mounted luminaires	Free-standing luminaires	Street lanterns	Decorative luminaires
TALEXengine STARK DLE		▼						
TALEXengine STARK DLE TWIST	▼	▼						
TALEXengine STARK SLE	▼	▼			▼	▼		▼
TALEXengine STARK LLE			▼	▼	▼	▼		
TALEXengine STARK QLE				▼	▼			
TALEXengine RLE **					▼		▼	
TALEXengine INDI *			▼			▼		

TALEXmodule	Luminaire application							
	Spotlights	Downlights	Linear luminaires	Wide-area luminaires	Recessed floor & wall-mounted luminaires	Free-standing luminaires	Street lanterns	Decorative luminaires
TALEXmodule SPOT	▼	▼			▼	▼	▼	▼
TALEXmodule RECTANGULAR	▼	▼			▼	▼	▼	
TALEXmodule FULMEN	▼	▼						
TALEXmodule STRIP								▼
TALEXmodule EOS								▼
TALEXmodule XED DECO		▼	▼	▼	▼			▼

TALEXconverter	Luminaire application							
	Spotlights	Downlights	Linear luminaires	Wide-area luminaires	Recessed floor & wall-mounted luminaires	Free-standing luminaires	Street lanterns	Decorative luminaires
TALEXconverter REMOTE dimmable (LCA)		▼	▼	▼				▼
TALEXconverter IN-BUILT dimmable (LCA)	▼		▼	▼	▼	▼	▼	▼
TALEXconverter REMOTE non-dimmable (LC)		▼	▼	▼				▼
TALEXconverter IN-BUILT non-dimmable (LC)	▼		▼	▼	▼	▼	▼	▼

* available in autumn 2012

** available in the 2nd semester of 2012

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 our 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. The easiest way to find your regional contact is to check our website at www.tridonic.com.



Exactly what you need for your LED product solutions Systems, modules, components and more

- __ High-intensity lighting effect thanks to exceptional white light quality
- __ Reliability thanks to long-lasting colour precision
- __ Flexibility thanks to varied product portfolio
- __ Advice and support provided by your Tridonic service team as usual

**Make sure you have all your LEDs under perfect control:
led.tridonic.com**