

Extra robust and powerful: the LED engines to meet the highest demands



The outstanding quality of TALEXengine IMAGE PREMIUM gives lighting units added value and added benefits. As a robust, IP66 unit, IMAGE PREMIUM is perfect for providing brilliant and uniform illumination on surfaces, even in unprotected outdoor applications. Another plus point is the step circuit function that fades the luminous flux up or down depending on the presence or absence of passers-by*. Constant voltage operation allows the parallel connection of multiple engines on one converter. TALEXengine IMAGE PREMIUM therefore meets the highest demands with maximum efficiency. Large spans and low heights can be easily overcome. The results exhibit impressive uniformity in terms of brightness and colour.

▼ At a glance: TALEXengine IMAGE PREMIUM

- __ Water-repellent and weather-resistant (IP66)
- __ Very high luminous efficacy
- __ Step circuit dimming function
- __ One converter for engines connected in parallel
- __ Uniform backlighting thanks to patented hotspot suppression
- __ Any combination of LED engines of different lengths without any loss in the quality or uniformity of the light
- __ One product type for all applications
- __ Similar lengths to those of fluorescent lamps
- __ Simple assembly and installation
- __ Very robust construction
- __ Low maintenance

*Requires the additional installation of a motion sensor



Product characteristics

Our TALEXengine IMAGE PREMIUM has the following technical properties:

Supply current DC	350–700 mA
Supply voltage	12–48V
Ambient temperature t_a	-30 ... +45 °C
Max. surface temperature on profile	65 °C
Type of protection/Protection class	IP66/III
Guarantee	5 years

Typical applications

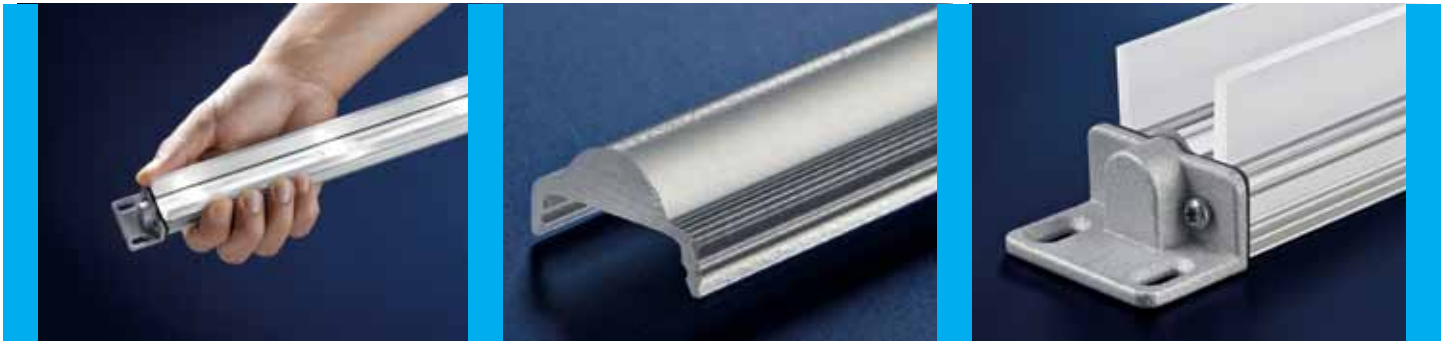
TALEXengine IMAGE PREMIUM is ideal indoors and outdoors in:

- Light boxes
- Light pillars
- Poster boxes
- Sail installations

TALEXengine IMAGE PREMIUM is available in the following versions:

	Type	Article number	Colour temperature	Colour	Beam angle	Length	Power consumption max.*
Constant voltage mode	IMA 300-PRE-DL-12V	22185187	6,500K	Daylight white	30°	300 mm	6.2 W
	IMA 500-PRE-DL-24V	22185177	6,500K	Daylight white	30°	500 mm	13.4 W
	IMA 600-PRE-DL-24V	22185178	6,500K	Daylight white	30°	600 mm	15.8 W
	IMA 900-PRE-DL-48V	22185179	6,500K	Daylight white	30°	900 mm	23 W
	IMA 1200-PRE-DL-48V	22185180	6,500K	Daylight white	30°	1,200 mm	30.2 W
	IMA 1500-PRE-DL-48V	22185181	6,500K	Daylight white	30°	1,500 mm	30.2 W
Constant current mode	IMA 300-PRE-DL-700MA	22185171	6,500K	Daylight white	30°	300 mm	7.2 W
	IMA 500-PRE-DL-700MA	22185172	6,500K	Daylight white	30°	500 mm	12 W
	IMA 600-PRE-DL-700MA	22185173	6,500K	Daylight white	30°	600 mm	14.4 W
	IMA 900-PRE-DL-700MA	22185174	6,500K	Daylight white	30°	900 mm	21.6 W
	IMA 1200-PRE-DL-700MA	22185175	6,500K	Daylight white	30°	1,200 mm	28.8 W
	IMA 1500-PRE-DL-700MA	22185176	6,500K	Daylight white	30°	1,500 mm	28.8 W

*At 45 °C; Tolerance range for electrical data: ±15 %



One linear system for all applications: LED module, lens and heat sink

Brilliant illumination thanks to diffused lens

Simple mounting and installation thanks to robust end caps and IP66 protection

Matching accessories

We offer you system solutions – in other words matching products from a single source. The right converter for TALEXengine IMAGE PREMIUM is also available:

Type		Article number	U _{out} , P _{out}
Constant voltage mode	TALEXconverter LCU 015/12 D010 120-240V	24166316	12V, 1–15VA
	TALEXconverter LCU 035/12 D010 120-240V	24166318	12V, 3.5–35VA
	TALEXconverter LCU 060/12 D010 120-240V	24166322	12V, 5–60VA
	TALEXconverter LCU 100/12 D010 120-240V	24166326	12V, 10–100VA
	TALEXconverter LCU 150/12 D010 120-240V	24166331	12V, 20–150VA
Constant current mode	TALEXconverter LCBI 015/0350 B020	86458898	350mA, 16VA
	TALEXconverter LCBI 015/0500 B020	86458896	500mA, 16VA
	TALEXconverter LCBI 015/0700 B020	86458897	700mA, 16VA
	TALEXconverter LCI 030/0700 A120	86458901	700mA, 32VA
	TALEXconverter LCAI 015/0350 A020	86458899	350mA, 16VA
	TALEXconverter LCAI 030/0700 A120	86458900	700mA, 32VA
	TALEXconverter 0030 K700/700mA 30 VA	24139073	700mA, 30VA

► Technical details on this product can be found in our catalogue or on the data sheets (available to download from www.tridonic.com).

Packaging information:

Packaging 300 mm length	16 pcs./carton, 576 pcs./pallet
Packaging 500 mm length	16 pcs./carton, 384 pcs./pallet
Packaging 600 mm length	16 pcs./carton, 288 pcs./pallet
Packaging 900–1.500mm length	16 pcs./carton, 192 pcs./pallet

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.