T-LED I LIGHT SYSTEM

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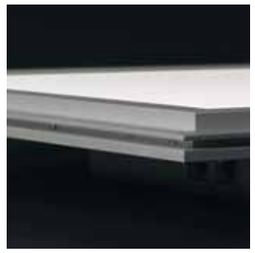
T-LED technology lighting

T-LED is a range of high-performance skylights designed to offer the cost-saving benefits of LED

- No harsh glare (UGR<20)
- Slim profile for use in small ceiling spaces
- Plug-and-play installation
- Instant start
- No IR or UV radiation
- Long life of 50,000 hours or more
- Cost-cutting solution avoids hassle of relamping
- Lower energy consumption
- Soft, even field of light
- No visible diodes



Conventional Lighting Calculation, Lumen Impact and Energy Balance.
Lighting calculations include loss factors to compensate for lighting system degradation over time.

Outstanding LUMEN PRIORITY Approach Using SSL Technology

The Lumen Priority approach puts the advantage of SSL technology to work and maintain a constant lumen output (Lumen Priority) by regulating power delivered to the LED sources and compensate for ACTUAL system losses over time

The result is a significant REDUCTION of initial energy demand, and a reduction of total energy use between 25% and 55% over the service lifetime of an identical controlled LED product.

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T-LED I offers the cost-saving benefits of LED in the form of even fields of diffuse light – free from any type harsh or frosty glare.

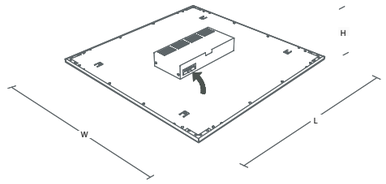
295
595 1195
1145 620

T-LED I RECESSED

Body
- Anodised extruded aluminium profile
- Aluminium profile finished in epoxy powder

Optical system
- Opal PMMA diffuser
- Microprismatic optical system

LIGHT SOURCE
- LED



LUMINAIRE CODE	SYSTEM Watt/lm	COLOUR	DIMENSIONS w/l/h (mm)	DIMMER on/off-dali-0,10
T-LED 1 -X-300-X	20 / 1600		300 / 300 (15/60)	NO-DI-D0
T-LED 1 -X-295/1195-X	27 / 2295		295 / 1195(15/60)	NO-DI-D0
T-LED 1 -X-295/1195-X	45 / 3825		295 / 1195(15/60)	NO-DI-D0
T-LED-X-595/595-X	27 / 2295		595 / 595 (15/60)	NO-DI-D0
T-LED-X-595/595-X	45 / 3825		595 / 595 (15/60)	NO-DI-D0
T-LED-X-308/1145-X	27 / 2295		308 / 1145(15/60)	NO-DI-D0
T-LED-X-308/1145-X	45 / 3825		308 / 1145(15/60)	NO-DI-D0
T-LED-X-620/620-X	27 / 2295		620 / 620 (15/60)	NO-DI-D0
T-LED-X-620/620-X	45 / 3825		620 / 620 (15/60)	NO-DI-D0

*Option kelvin chances

Recessed

How to specify:

A recessed direct LED luminaire, 300x300mm, 600x600mm or 1200x300mm, extruded aluminium to fit specified ceiling system. Opal diffuser from acrylic PMMA to ensure a uniform illuminated surface. Complete with electronic driver, 1-10V dimimng or DALI/SwitchDim. Integrated Winsta socket. Supplied with 3000K or 4000K LED.
As Teamtronic T-LED

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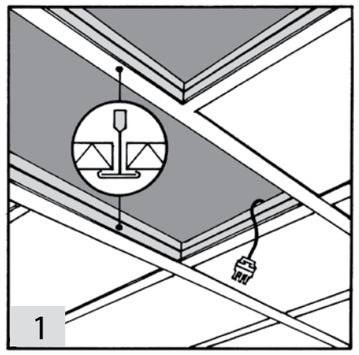
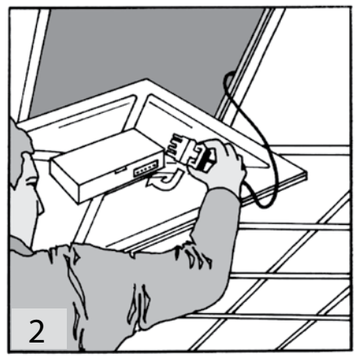
Application guide

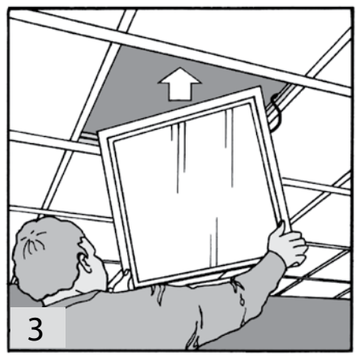
Sectors / Application types		Canteen	Car park	Class room	Cold store	Conference room	Corridor	Display	Domicile	Facade	Foyer	Office, open	Office, single	Open area	Pathway	Reception	Shop	Sport centre	Staircase	Ward	Warehouse
Office building		x				x	x				x	x	x			x					
Education		x		x			x				x					x					
Health Care		x				x	x				x					x				x	
Hotel and conference centre						x	x				x					x					
Retail																	x				
Industry					x		x														x
Outdoor																					



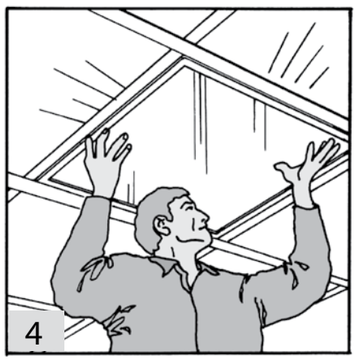
Winsta cables or cables mounted with Winsta connectors should be installed over the ceiling by an authorized electrician in the required length.



The Winsta cable is to be connected to the light panel. Due to the design of the Winsta connector, it can only be mounted in the correct polarization.



The light panel is being lifted through the hole in the ceiling system.



The light panel is lowered, and rests on the frames of the ceiling system. Make sure it is securely installed.

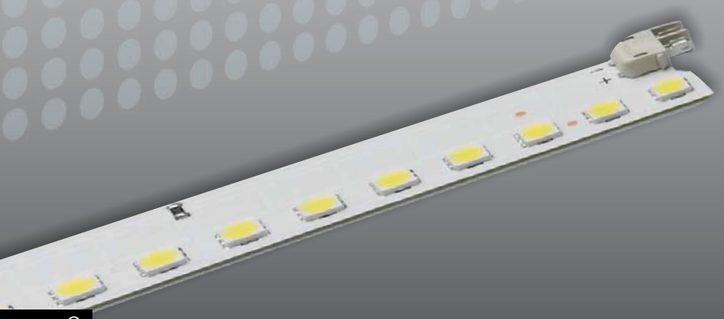
The fine design of the T-LED family utilises round shapes perfectly Lights are available in basic geometric shapes.

What is important for good LED lighting ?

LED lighting is not just a question of the LED light sources.
A lot of other factors have to be considered:

- Optimal thermal conditions are essential to achieve long life and utilise LED light sources as efficiently as possible
- LED light source and driver have to match in order to obtain the highest light output
- Colour rendering has to be a least Ra>80 to obtain the best reproduction of natural light
- The degree of colour variance (MacAdam's factor) between each LED has to be as low as
- possible (>3SDCM) for the most uniform colour experience
- The optical solution must be adapted to the LED light source for the highest possible efficiency and glare and control

Teamtronic can handle this !



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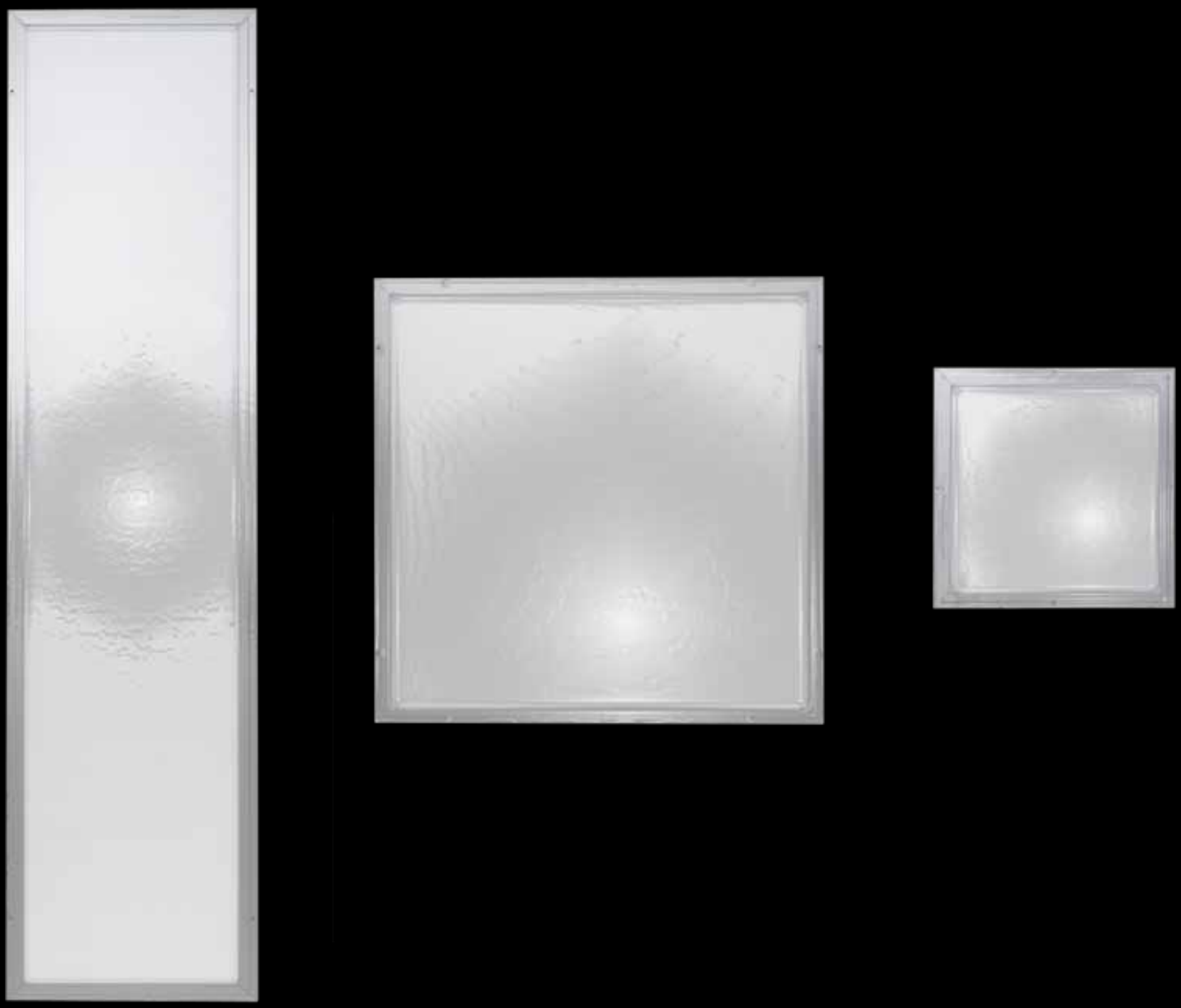

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