

T-LED V LIGHT SYSTEM

Upgraders Energi
Spar på energien - ikke lyset





The fine design of the T-LED family uses round shapes perfectly. Lights are available in basic geometric shapes and also in a more organical variety of other forms. Available accessories are wires for hanging and kit for mounting the light fixture on the face of a ceiling; this arrangement in combination with direct-indirect lighting creates the very interesting effect of light. Various alternatives of suspending or mounting extend the range of countless applications; they are most suitable for commercial and office areas, showrooms, or cultural amenities.



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.

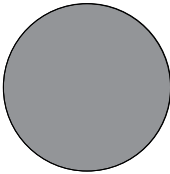




T-LED ROUND



- 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 ø/h (mm)	DIMMER on/off-dali-0,10
T-LED-X-400-X	35 / 3150	<div><div></div><div></div><div></div></div>	400 / 70	NO-DI-D0
T-LED-X-600-X	60 / 5400	<div><div></div><div></div><div></div></div>	600 / 70	NO-DI-D0
T-LED-X-900-X	90 / 7650	<div><div></div><div></div><div></div></div>	900 / 70	NO-DI-D0

*Option kelvin chances

- Suspended
- Surface
- Wall mounted

How to specify:
A round suspended, surface, wall mounted direct LED luminaire, ø400x70mm, ø600x70mm, extruded aluminium body. Opal diffuser from acrylic PMMA to ensure a uniform illuminated surface. Complete with electronic driver, 1-10V dimming or DALI/SwitchDim. Integrated Winsta socket. Supplied with 3000K-4000Kelvin LED.As Teamtronic T-LED V round





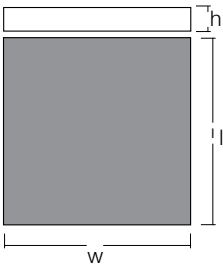
T-LED V RECESSED



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-X-300-X	16 / 1600	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	300 / 300 <small>(50x109)</small>	NO-DI-D0
T-LED-X-295/1195-X	27 / 2753	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	295 / 1195 <small>(50x109)</small>	NO-DI-D0
T-LED-X-295/1195-X	45 / 4231	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	295 / 1195 <small>(50x109)</small>	NO-DI-D0
T-LED-X-595/595-X	27 / 2753	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	595 / 595 <small>(50x109)</small>	NO-DI-D0
T-LED-X-595/595-X	45 / 4231	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	595 / 595 <small>(50x109)</small>	NO-DI-D0
T-LED-X-308/1145-X	27 / 2753	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	308 / 1145 <small>(50x109)</small>	NO-DI-D0
T-LED-X-308/1145-X	45 / 4231	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	308 / 1145 <small>(50x109)</small>	NO-DI-D0
T-LED-X-620/620-X	27 / 2753	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	620 / 620 <small>(50x109)</small>	NO-DI-D0
T-LED-X-620/620-X	45 / 4231	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	620 / 620 <small>(50x109)</small>	NO-DI-D0

*Option kelvin chances

 Recessed

How to specify:
A square recessed direct LED luminaire, 295x295x109mm, 295x1195x109mm, 595x595x109mm, 620x620x109mm, 608x1145x109mm extruded aluminium body. Opal diffuser from acrylic PMMA to ensure a uniform illuminated surface. Complete with electronic driver, 1-10V dimming or DALI/Switch-Dim. Integrated Winsta socket. Supplied with 3000K-4000Kelvin LED. Integrated Winsta socket.
As Teamtronic T-LED V recessed



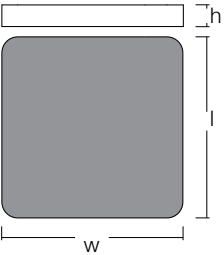
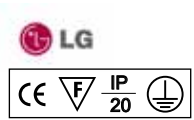
T-LED EDGE



Body
Anodised extruded aluminium profile
Aluminium profile finished in epoxy powder

Optical system
Opal PMMA diffuser
Microprismatic optical system

LIGHT SOURCE
LED




How to specify:
A soft edge suspended, surface, wall mounted direct LED luminaire, w300xl300xh70mm, w600x-l300xh70mm, w600xl600xh70mm, w300x-L1200xh70mm extruded aluminium body. Opal diffuser from acrylic PMMA to ensure a uniform illuminated surface. Complete with electronic driver, 1-10V dimming or DALI/SwitchDim. Integrated Winsta socket. Supplied with 3000K-4000Kelvin LED.
As Teamtronic T-LED V edge

LUMINAIRE CODE	SYSTEM Watt/lm	COLOUR			DIMENSIONS w/l/h (mm)	DIMMER on/off-dali-0,10
T-LED-X-400-X	16 / 1600	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	300 / 300 / 70	NO-DI-D0
T-LED-X-600/300-X	35 / 3200	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	600 / 300 / 70	NO-DI-D0
T-LED-X-600/600-X	27 / 2753	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	600 / 600 / 70	NO-DI-D0
T-LED-X-600/600-X	45 / 4231	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	600 / 600 / 70	NO-DI-D0
T-LED-X-600/1200-X	27 / 2753	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	300 / 1200 / 70	NO-DI-D0
T-LED-X-600/1200-X	45 / 4231	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	300 / 1200 / 70	NO-DI-D0

*Option kelvin chances

 Suspended

 Surface

 Wall mounted





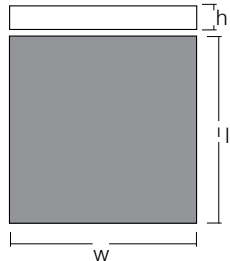
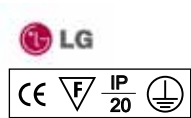
The fine design of the T-LED family utilises round shapes perfectly. Lights are available in basic geometric shapes.

- 300
- 600
- 1200



DI-LED SQUARE




- Body
 - Anodised extruded aluminium profile
 - Aluminium profile finished in epoxy powder
- Optical system
 - Opal PMMA diffuser
 - Microprismatic optical system
- LIGHT SOURCE
 - LED



How to specify:
A square suspended, surface, wall mounted direct LED luminaire, w300xl300xh70mm, w300x-l1200xh70mm, w600xl600xh70mm, extruded aluminium body. Opal diffuser from acrylic PMMA to ensure a uniform illuminated surface. Complete with electronic driver, 1-10V dimming or DALI/ SwitchDim. Integrated Winsta socket. Supplied with 3000K-4000Kelvin LED.
As TeamtronicT-iLED V square

LUMINAIRE CODE	SYSTEM Watt/lm	COLOUR		DIMENSIONS w/l/h (mm)	DIMMER on/off-dali-0,10
T-LED-X-300-X	16 / 1600	<input type="checkbox"/>	<input checked="" type="checkbox"/>	300 / 300 / 70	NO-DI-D0
T-LED-X-300/1200-X	27 / 2753	<input type="checkbox"/>	<input checked="" type="checkbox"/>	300 / 1200 / 70	NO-DI-D0
T-LED-X-300/1200-X	45 / 4231	<input type="checkbox"/>	<input checked="" type="checkbox"/>	300 / 1200 / 70	NO-DI-D0
T-LED-X-600/600-X	27 / 2753	<input type="checkbox"/>	<input checked="" type="checkbox"/>	600 / 600 / 70	NO-DI-D0
T-LED-X-600/600-X	45 / 4231	<input type="checkbox"/>	<input checked="" type="checkbox"/>	600 / 600 / 70	NO-DI-D0

*Option kelvin chances

-  Suspended
-  Surface
-  Wall mounted



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 at 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 !



