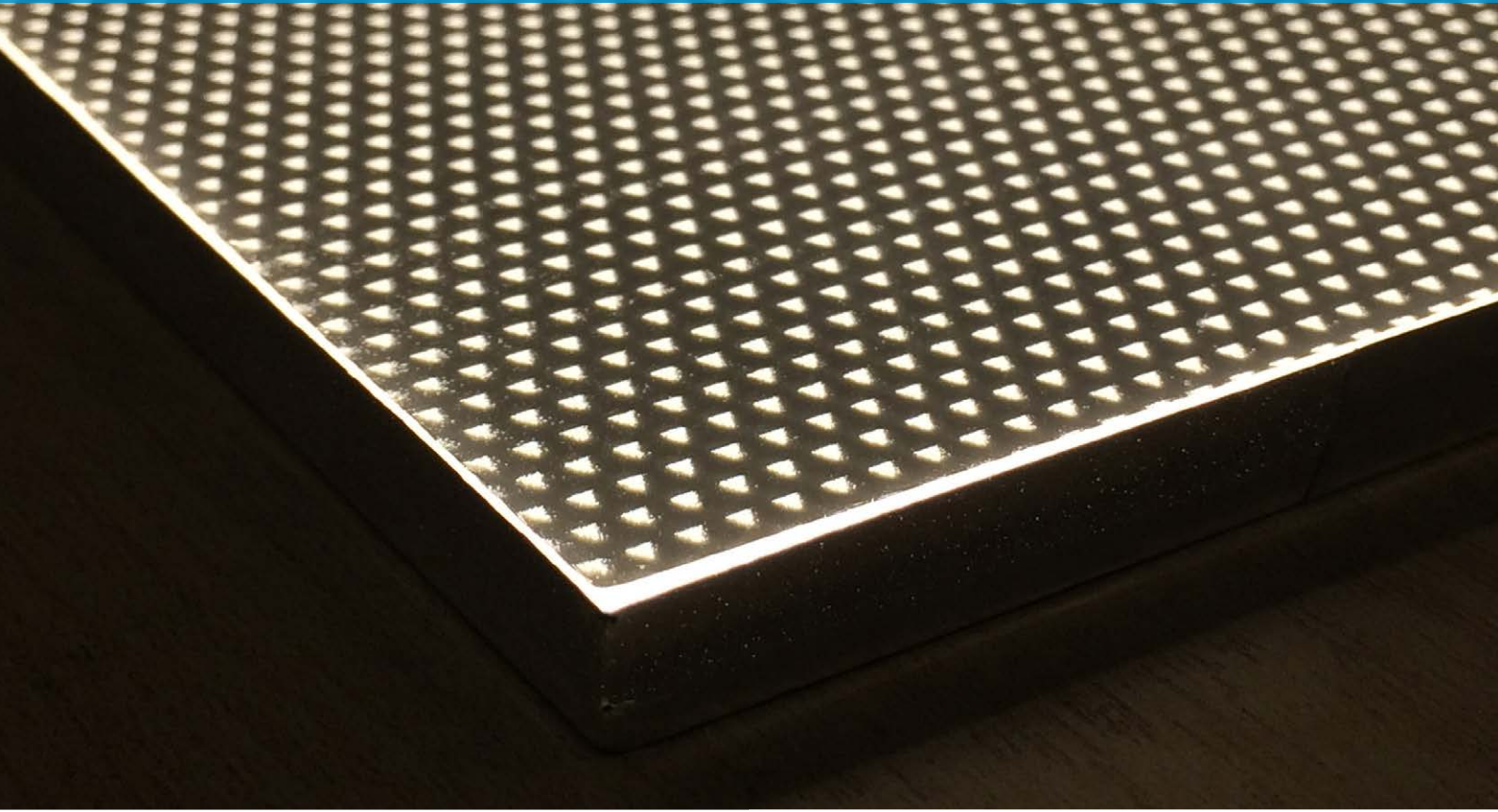


# LED Light Sheet

The ultra-thin LED light sheet. Designed for POS, signage, counter-top displays, advertising, artistic display and retrofit applications.



- Ultra-thin panel
- Furthest span of even illumination
- Lightweight, all-in-one unit
- Full range of sizes
- Choice of colour temperatures
- Energy efficient
- Built in the UK

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## Ultra-thin illumination

Spanlite-Sheet-LXJ is the latest in ultra-thin edge-lit LED technology, providing a complete illumination systems at just over 10mm thick, including the aluminium heatsink.

Incorporating our superior edge-lighting technology, it produces clean and even light across the whole panel – perfect for when only the thinnest of backlighting options is required.

- Ultra-thin panel illuminates evenly across the whole display surface.
- The leading technology for even illumination across large distances.
- No more fluorescent 'stripes' or bleached-out colours.
- Sizes up to 3.2 x 2.5m per panel.



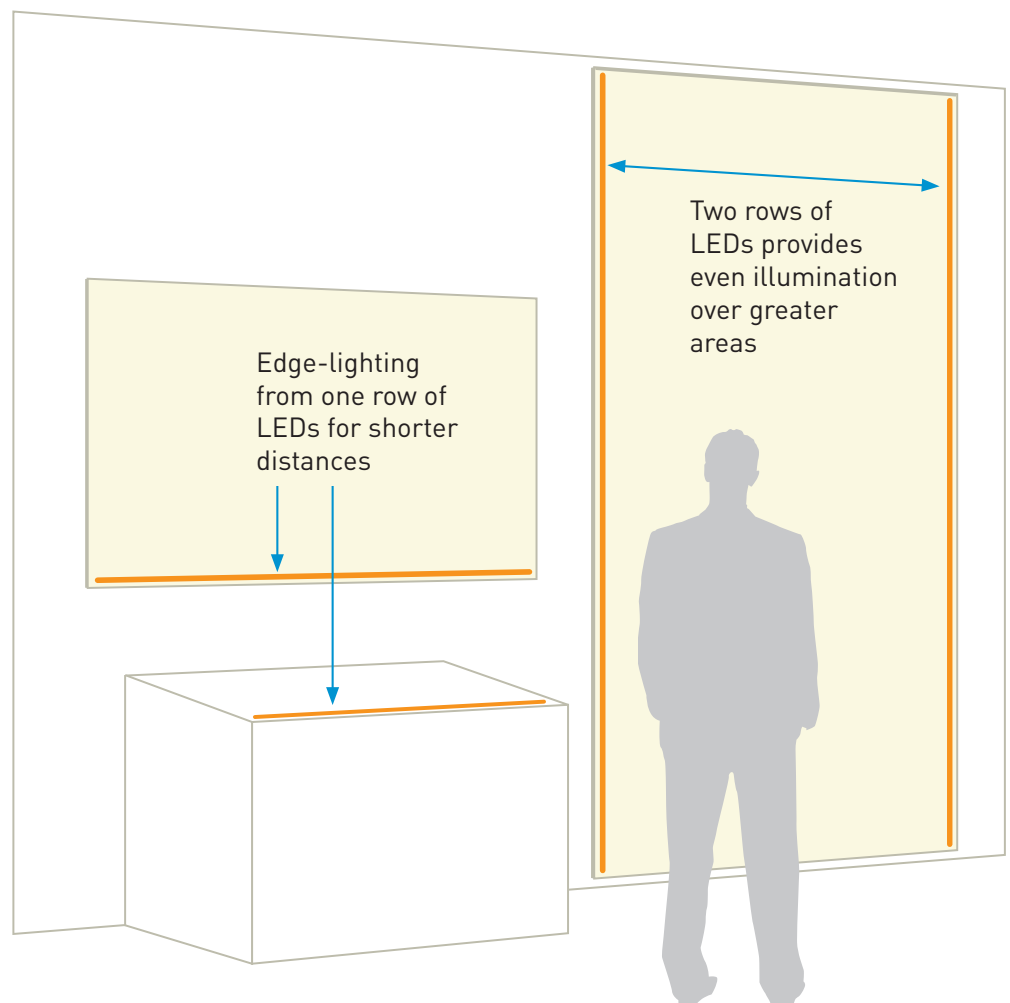
6-Sheet posterbox (1.2 x 1.8m) illuminated with Spanlite-Sheet

### Superior Technology



The lightcode matrix applied to the back of the Spanlite-Sheet spreads the light within the panel to provide totally even illumination, when viewed from the front.

This method optimises the light distribution within the panel, so that it spans further than other LED edge-lighting systems available.



CALL +44 (0)1273 007 280

EMAIL [info@spanlite.com](mailto:info@spanlite.com)

VISIT [www.spanlite.com](http://www.spanlite.com)

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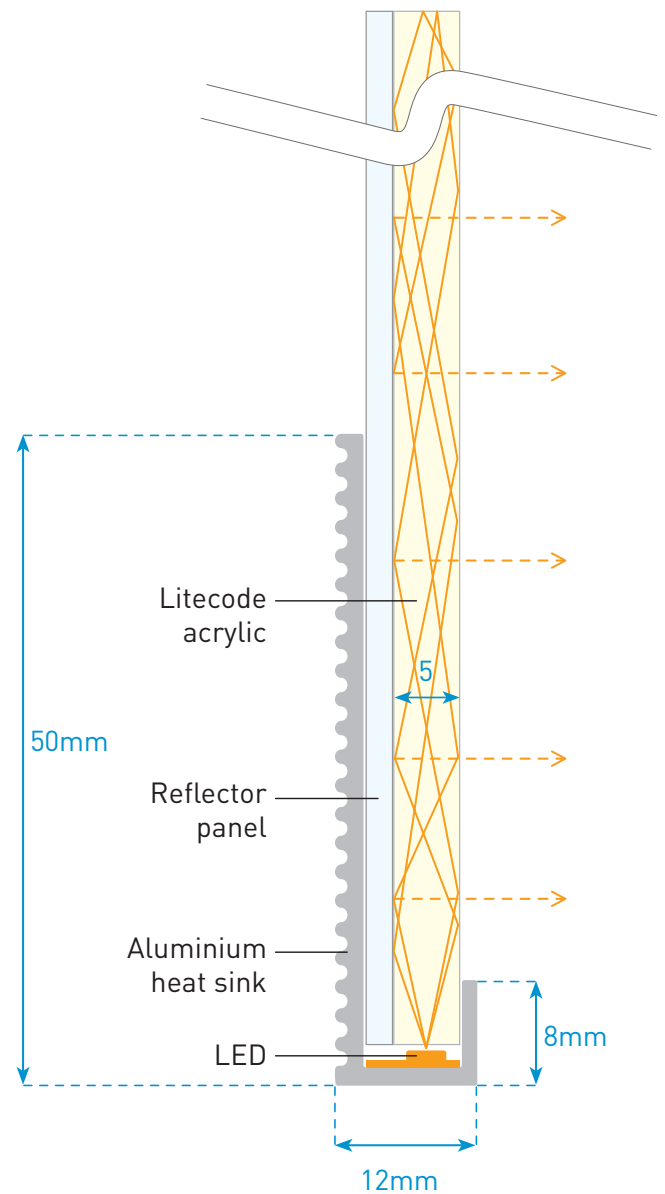
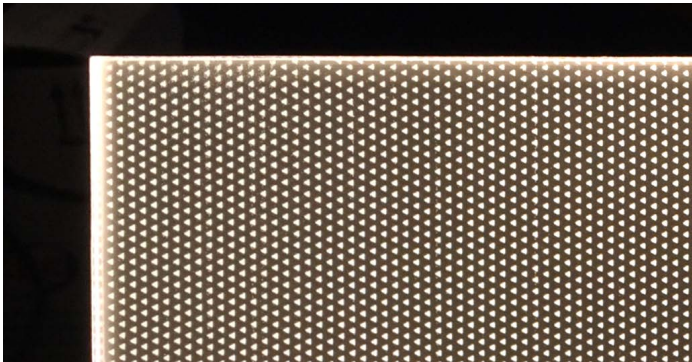
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## Panel specifications / options

LED type	OSRAM DURIS E5
Colour temp	2700K, 3000K, 4000K , 5700K*
CRI	85 typ
LED driver	driver incl, dimmable option
Cable	3000mm standard
Thickness	12mm
Maximum size	3200 x 2500mm
Voltage	24V
PCB cut length	71.4mm
Wattage	25W/linear metre
Efficiency	146lm/W typical**
IP	for indoor use
Lifetime	50,000+ hours
Warranty	2 year/ 5 year optional

\* others on request    \*\* 25W/m 4000K



## Spanlite-Sheet order form

FIXTURE TYPE	COLOUR TEMP	WIDTH	HEIGHT	LIGHSTICKS	CABLE EXIT
Sheet LXJ	2700K 3000K 4000K 5700K	Width in mm	Height in mm	Lightstick number and on which edges (long or short)	Choose cable exit point(s). One per lightstick.

Sheet LXJ -  -  -  -  -

## EXAMPLES

Sheet LXJ	3000K	1189	841	1L	TL
Sheet LXJ	4000K	1200	1800	2S	TLTR

## Order code builder

Send your codes in to [info@spanlite.com](mailto:info@spanlite.com) for immediate processing, or if you have any questions simply call 01273 007 280.

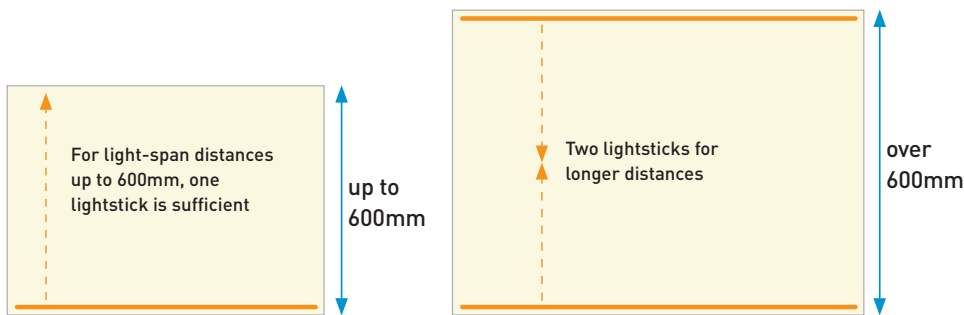


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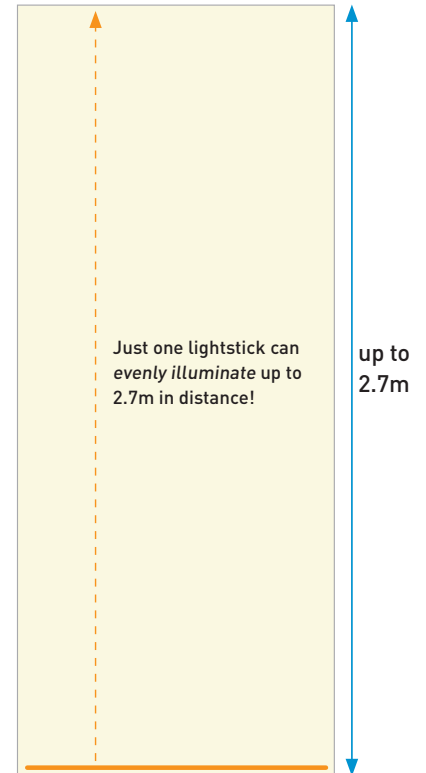
## Brightness and 'lightsticks'

Our standard design uses lightsticks on the long edges. This standard ensures optimum brightness for all applications.



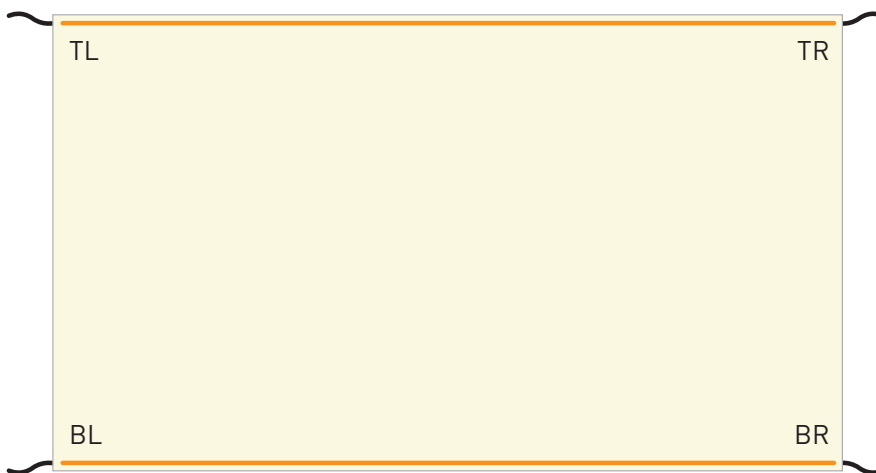
## Light-throw distance

Even when using just one lightstick (sometimes useful for accessibility reasons) we can still evenly light across 2.7m distance! This is not as bright as using two lightsticks, but perfectly good for use in less brightly lit areas, and an offering unique to this product.

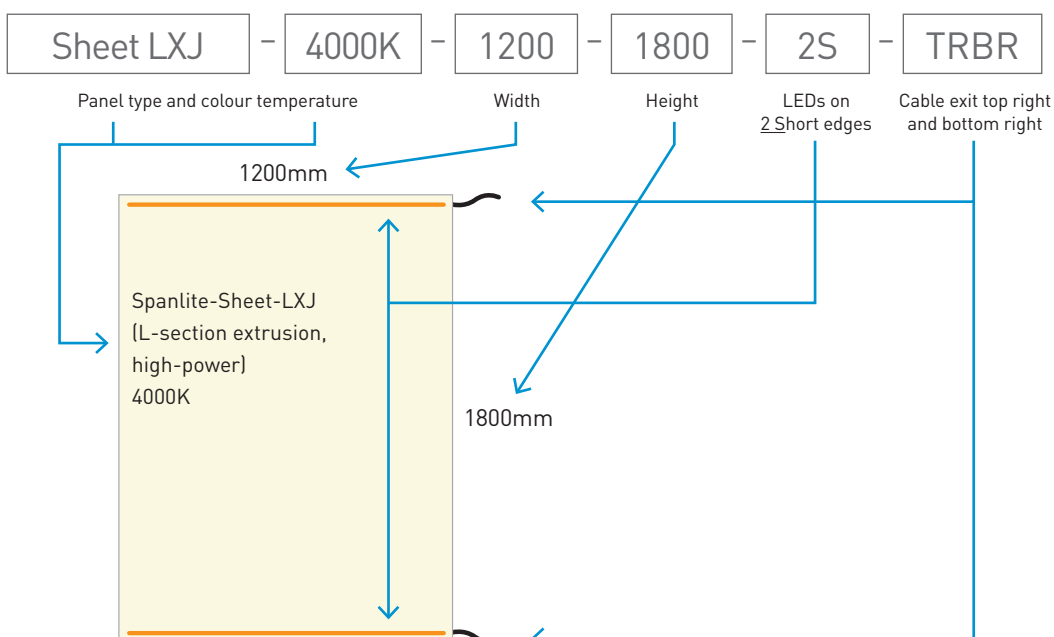


## Cable exit options

You can choose which corner(s) you want the cable(s) to exit.



## Panel size example



When determining the cable exit positions, draw the panel with lightstick(s) on the horizontal edges.



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# Installation and Servicing Guidelines

## PLEASE READ

### Transport and Installation

- Wherever possible, ensure the panel is transported and stored vertically with protection covering panel.
- Do NOT impact either the rear reflector or front face of panel – scuffs or marks of any kind, as a result of friction or impact, will show up once panel is illuminated, these cannot be removed.
- Do NOT bend panel – damage to LEDs can occur.
- Ensure installation area is free of dust during installation – panel will attract particulates in the air if the release liner is removed too early.
- Remove release liner at the last opportunity before diffuser/fascia panel is installed – this will limit opportunity for panel to attract dust prior to area being sealed.
- Ensure there is space around LED channel to allow for air movement – this will prolong LED lifespan.
- Ensure LED panel cables are not trapped underneath panel or against the aluminium heatsink and that they route freely to PSU (power supply unit) – trapped cables can cause panel to malfunction.

### Wiring

- Do NOT connect panel input cables to 240V – this will irreparably damage the panel.
- Only connect input cables to low-voltage output of PSU – check PSU wiring and sticker on reverse of panel for correct voltage input (typically 24V DC).
- Use WHITE STRIPED cable as positive +, SOLID BLACK cable as negative –.

### Servicing & Cleaning

- If cleaning is required use a lint free cloth – NEVER clean by spraying cleaning solution directly on to the panel, moisture will damage the LEDs – apply cleaning fluid to cloth first.

**LED LIGHT SHEET is a long life, non-maintainable product – if any faults are present with the panel or driver please contact Spanlite immediately on 01273 007 280 or email [info@spanlite.com](mailto:info@spanlite.com)**



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