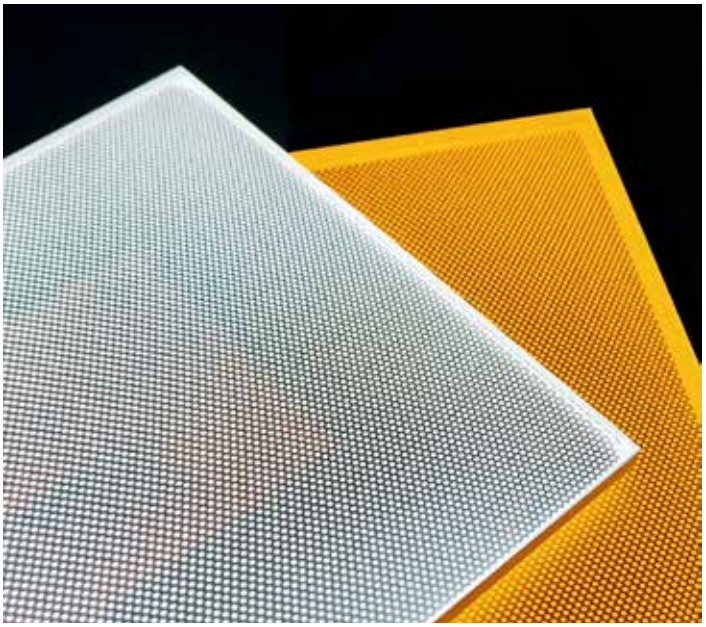
LED LIGHT SHEET

THIN, BRIGHT ILLUMINATION



Addlux LED Light Sheet provides bright, uniform illumination from just 3mm in depth upwards and is ideal for lighting applications or for evenly backlighting any translucent material.

As a leader in LED light sheet technology we supply the largest, thinnest and most evenly illuminated light sheet on the market, cut to any shape and size according to customer requirements.

We are also able to combine our light sheet with a range of frames and diffusers to create bespoke LED lighting panels, LED wall light panels and illuminated displays.

KEY FEATURES

- Thicknesses from 3 mm - 15 mm / 0.12 in - 0.59 in
- Bespoke Laser-etched diffusing pattern
- Custom-made to shape or size (up to 4.8 x 2.7m / 188.98 x 106.30in)
- Multiple sheets can be joined to illuminate larger areas
- Comprehensive range of colour temperatures
- Multiple colour options; Single/Tuneable White & RGBW
- High Colour Rendering Index (CRI) Levels
- Single or Double-sided options
- Waterproof versions available
- High energy-efficiency
- Flexible & Bendable

BENEFITS & APPLICATION

EVEN ILLUMINATION FROM 3MM

Allowing easy recess into walls, ceilings, shelves, furniture and other designs where space is limited.

EVEN ILLUMINATION OF CURVED SURFACES

Construct illuminated columns, curved POS displays, wave-shaped forms.

EASY TO INSTALL WITHIN MINUTES

Made to measure & fitted with plug & play connectors for fast and hassle-free installation.

EXTERNAL / WET APPLICATION

Our Light Sheet range is IP-rated and is suitable for bathrooms, kitchen feature lighting, external illuminated signage and canopy lighting.

THICKNESS FROM 3MM

BESPOKE SHAPES & SIZES

FULLY CUSTOMISED

SINGLE / DOUBLE SIDED

IP-RATED OPTIONS

FLEXIBLE PANELS

LED LIGHT SHEET

THIN, BRIGHT ILLUMINATION

KEY FEATURES

PRODUCT CODE	LS4-XKXEXXV	LS8-XKXEXXV	LS10-XKXEXXV	LS14-XKXEXXV
Panel thickness (mm / in)	4mm / 0.16 in	8mm / 0.31 in	10mm / 0.39 in	14mm / 0.55 in
Max size (m / in)	0.6 m x 0.6 m 23.62 in x 23.62 in	2 m x 2 m 78.74in x 78.74 in	3m x 2m 118.11 in x 78.74 in	4.8 x 2.7m 188.98 in x 106.30 in
Weight calculation (kg)	Length x Width x Thickness x 1.19(kg)			
LIGHT SOURCE	2835 SMD TOP VIEW LED (standard)			
Colour temperature (CCT)	1800, 2700, 3000, 4000, 5000, 6000, 6500 (others available on request)			
Brightness	Variable (dependant on LED position; short side / long side / all sides)			
Luminous efficacy (LED)	22 - 24 lm/W			
Colour rendering index	CRI 80-95			
Power consumption (LED)	0.16W			
IP RATING	IP54 (standard/indoor use) - IP67 (outdoor / wet area use)			
OPERATING TEMP	5°C - 40°C			
CONNECTIONS				
Input Voltage	AC 100 - 240V 50/60Hz			
Power supply (PSU)	AC/DC 12V and 24V adaptor (others available)			
Power Calculation	Total length of LEDs (in metres / inches) x Watts			
Power cable exit	To customer specification (side or rear)			
Power cable length	To customer specification			
Connections	Easy Assembly (5.5mm / 0.27 in) x (2.5mm / 0.10 in) barrel connector (other connectors available on request)			
Plugs	To customer specification; UK (standard), EU, USA, other international			
LED PANEL LIFESPAN	50,000 hours			
WARRANTY				
LEDs	5 years			
PSU	5 years			