



LED Sheets are ultra-thin, lightweight, and flexible LED light sources designed to backlight a wide range of materials, from printed fabrics and duratrans to thick marble and onyx panels. Modular by design, the sheets can be seamlessly tiled together to create backlit displays of virtually any size.

Unlike many alternative solutions on the market, the high-density matrix of premium LEDs delivers exceptionally bright and uniform illumination, regardless of scale or configuration. There are no hotspots, no shadowing, and no brighter edges, just consistent, even light across the entire surface.

LED Sheets can be easily trimmed on-site using a knife or scissors, allowing for precise edge-to-edge illumination and a perfect fit every time. Sheets can be supplied individually or as a complete kit including drivers and controls. Our technical team can help with the design of this product - please call us on 01132 866686 or email tech@sycamoreled.com

Key Features

- Bright and Uniform
- A high-brightness backlighting solution ideal for:
 - Thicker materials
 - Installations exposed to high levels of ambient light
 - They offer significantly greater brightness than standard edge-lit acrylic panels.
 - The advanced LED matrix ensures perfectly even illumination across the entire surface. Brightness remains constant regardless of size, with no hotspots or visible edge glow.

Fast Installation

- Installation is quick and straightforward.
- Each sheet is supplied with 3M adhesive backing for easy positioning. Once in place, permanent fixing can be achieved using nails, screws, or staples if required.
- Sheets are then simply connected using the supplied cables and linked to a power supply and controller.

Easy Customisation

- LED Sheets can be cut directly on-site to suit the exact shape and size required.
- Trim with a knife or scissors
- Cut in precise LED increments
- Easily work around switches, sockets, and obstacles
- There's no need for complex fabrication drawings or lengthy pre-production.
- LED Sheets can be adapted on-site - offering flexibility in more ways than one.

Flexible Substrate

- The flexible PCB construction allows LED Sheets to conform to curved or uneven surfaces, greatly expanding design possibilities.
- They can:
 - Bend around curves
 - Wrap around corners

24Vdc - requires driver, and can also be controlled via our remote and receiver. 2m power lead required (SY7640), and each pad comes with 2 connection leads to connect to other pads.

Part Code	Description	Voltage	IP Rating	Kelvins	Wattage	Lumens
SY7641	GlowSheet LED Pad 503mm x 235mm	24V	IP20	4000K	11W	1200 lm per sheet