

LumiSheet™

Premium Light Quality

Bright, soft and consistent illumination.

LumiSheet™ is designed to provide premium quality lighting, bright but at the same time giving a soft illumination.



3
YEAR
WARRANTY

LumiSheet™

LumiSheet is the world's first LED integrated edge-lit light panel which contains LED in itself as a source of light, unlike the traditional Back Light Units which are made by putting an LED on the outside edge of the acrylic.

LumiSheet is produced by combining high intensity LEDs with a patented 3D V-Cutting system which allows light to be transmitted uniformly and evenly across the acrylic surface.

LumiSheet can be applied to various fields of industry such as Architectural Lighting, Interior Design, Retail Lighting, Signage & Display, Exhibitions & Events, Corporate Environment and also as a partner for manufacturing & Engineering of an endless list of examples.

As the next generation of flat light source, LumiSheet will make a world of light that is far more innovative and beautiful than you can imagine.

Unique Characteristics

Super Slim

The thickness of LumiSheet is only 8mm
No complicated wiring or ballast required
Can be used in areas where space is limited
Installation is quicker and easier than ever

Maintenance Free

The life time of LumiSheet is up to 70,000 hours*
LumiSheet is user friendly and maintenance free

Uniform Brightness Superior Quality High Output

3D V-Cutting Technology & high intensity LED's
LumiSheet is brighter than other light guide plates
Offering uniform illumination throughout the surface
Flexible LED's are used to achieve custom shapes

Global Standard Low Energy Consumption

LM-80 certified & licensed LED's, acrylic, stainless plate,
HT silicone rubber, UL & CE approved electric cable.

IP Rated

LumiSheet: IP33 as standard with IP65 available on request.

Various Applications

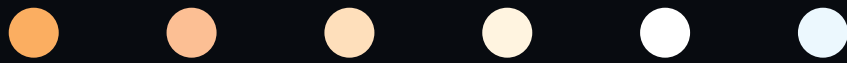
Architectural & interior design, shop fitting, store fixtures,
signage, advertising and more...

LumiSheet™

Structural Lighting Panels

LumiSheet™ is engineered to be structurally solid as well as bright!

This beautiful example showcases its use behind Onyx translucent stone. LumiSheet™ is also commonly used for illumination of glass splash-backs and other translucent materials.



3
YEAR
WARRANTY

LumiSheet™

LumiSheet™ is designed to emit a bright, even output of light across the entire surface of the panel.

Unlike other light panels, where the LED is positioned on the outside of the acrylic plate, LumiSheet intergrates High Output LEDs and Heat Sink into our exclusive 3D V-cut Light Guide Plate.

This patent technology makes it possible for us to produce frameless lighting panels of any shape, size and colour for various application needs.

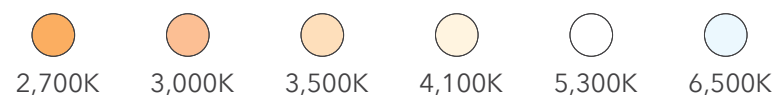
Features

- Available in custom size and shapes
- Can be used in frameless designs
- Plug & Play with easy connect DC jacks
- Patent heat sink technology to maximise LED lifespan
- High Brightness
- Low power consumption
- Energy saving and maintenance free
- Superior even and consistent light quality
- IP33 as standard with IP65 options available

Specification

| Item | Description |
|---------------|--|
| Environment | Indoor (standard) Outdoor (IP65)  |
| Input Voltage | 12/24v DC |
| Max Size | 3000mm x 1500mm 2400mm x 1200mm |
| Min Size | 50mm x 50mm 100mm x 100mm |
| Thickness | 8mm, 6mm 8mm |
| Colour Temp | CRI 80 2700K, 3000K, 3500K, 4100K, 5300K, 6500K CRI 90+ 3100K, 4100K, 5200K |
| Control | Remote & Driver, DALI, DMX plus more |
| Certification |   RoHS  |
| Climate | -20°C ~ +50°C |
| Lifetime | Up to 70,000 Hours* |
| Warranty | up to 3 Years* |

Colour Temperature

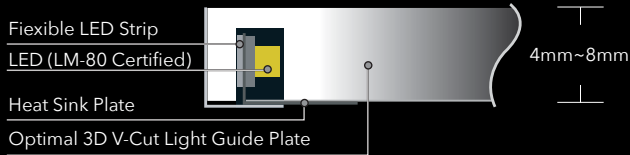


LumiSheet™

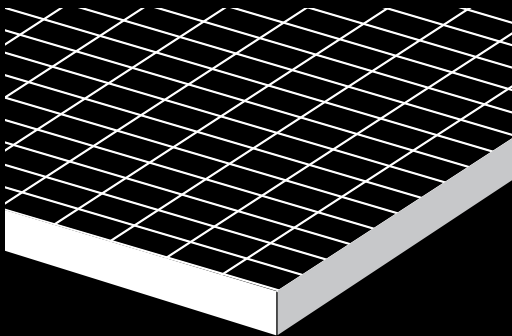
Frameless Design



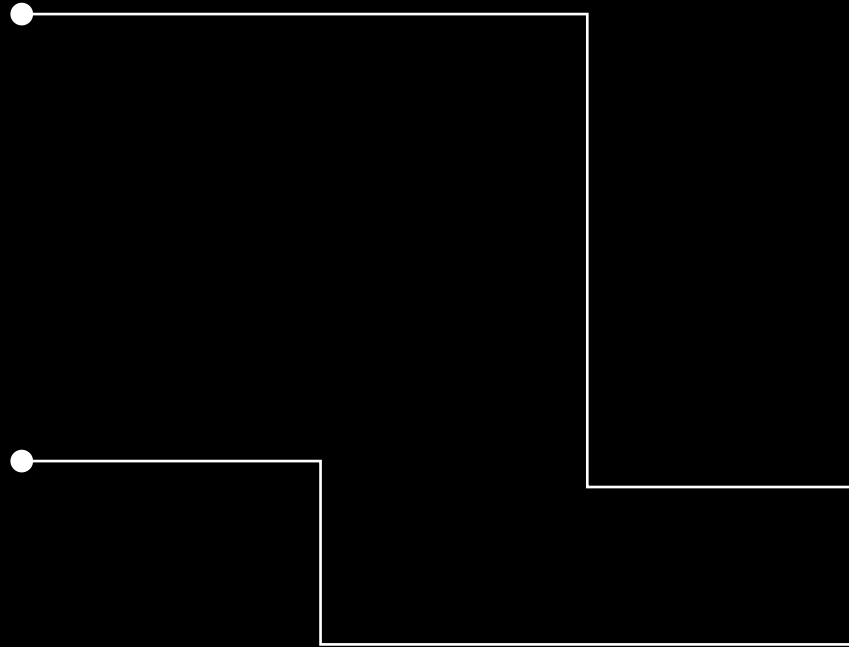
High Output LEDs Integrated Heat Sink



3D V-Cutting Light Guide Plate



Plug & Play



3
YEAR
WARRANTY

LumiSheet™

A panel of LED light manufactured with a slimline profile that is available in any custom size and shape.

A range of colour temperatures are available along with RGB Tunable and dimmable options.

This unique and innovative product is versatile, strong and adaptable.

Used in many applications this back lighting unit opens up a new world of possibilities to architects, interior designers, builders, retailers, shop fitters, sign, display, exhibition industries & many more.

Advanced Design Features

LumiSheet™ is the only all-in-one LED lighting panel. As it contains flexible LED modules within itself, it can be custom made to any shape which you imagine.

The combination of LM-80 certified LEDs with worldwide patented heat sink technology maximises LED lifespan and offers design performance.

LumiSheet's 3D V-Cutting technology ensures that light is evenly reflected throughout the surface of the Light Guide Plate by marking grooves on the LGP at specific intervals according to the location of the light source and the direction/ irradiation.

Custom grooving allows us to determine the perfect pitch to optimise brightness and uniformity of your LumiSheet™ panel.

The horizontal V-grooves gradually grow wider and deeper as their distance from the light source increases. Therefore, the brightness of the front surface of the LGP is able to remain uniform.

Standard LumiSheet™ panels are all supplied with sleek design DC Jacks for easy plug and play use.

All you need to do is open the cap, plug in the jack to your LED Driver and flick on the switch.

The cables are available in white or black.
With options of 1.5 metre or 3 metre cable.

How will you use LumiSheet™?

Frameless Design

High Output LEDs
Integrated Heat Sink

3D V-Cutting
Light GuidePlate

Plug & Play