

KERISSOL LIGHTING SYSTEM

KERISSOL is a system of stretched PVC translucent membrane, plain white or printed and back lighted by led light source. The PVC material is prepared at the factory in Zhongshan, China, with a special edging which then allows the membrane to be tensioned into the custom frame lined with a proprietary 'capture slot' tensioning system.

THE SYSTEM

The Kerissol membrane are usually stretched under heat before installation into the frame. When the material cools, the membrane will be tensioned into the frame to provide a tensioned lighted surface without visible joints. Depending on the frame design, different shapes can be configured, giving the designers and architects great flexibility to express their creativity.

THE BACKLIGHTING TECHNOLOGY

With led technology, it is possible to install coloured lighting with white: RGBW, RGBWW or white tunable colour light that can provide output of light from daylight to warm. Dimming, colour changing and scenes can be set and controlled by an app from a wall switch, a handheld remote or from a mobile phone: working from Bluetooth technology. With custom pre-printing of patterns and designs, it is possible to create stunning wall and ceilings for all interiors.

Kerissol use the latest LED with the highest lumens output per watt to create an energy efficient lighting system. The interior of the light box is lined with polyester white painted aluminium reflectors to provide an efficient and uniform light output.

Sizes and Dimensions

The recommended depth of the light box should be at about 200mm. For smaller boxes, the depth can be reduced to 150mm. The biggest size of Kerissol can be 5 meters by 18 meters. But for ease of installation and maintenance, the total size can be sub-divided into smaller areas, with equally dramatic effect.

