

Back Lit Products

LumaPex™ Panels



Image courtesy of Herman Miller/Alan Booty Associates

Discuss your requirements

Every application is different so it is important to understand exactly what is required so we can advise on design.

Please call our Technical Department for advice on 08456 434740

Applications

Photographs
Posters
Lighting
Stained glass

Description

LumaPex™ is designed for ultra-thin back lighting in place of conventional light boxes. They generate very little heat and no UV making them ideal for illuminating photographic images and textiles. They are intended for use as a light source that is ideally built into the application.

Features

Bright
Low power
Ultra thin
Cool white LED
No UV, minimal heat
12Vdc operation
Acrylic fabrication

Benefits

Good for illumination
Economical to operate
Discrete
Good colour rendering
No discolouring of images
Safe
Very durable

Specifications

Dimensions (max)	Up to 3m x 1.5m
Thickness (max)	11 or 15mm depending on size and LED used
Light source	White LED
Life	>50,000 hours
Frame	White PVC channel
Power consumption	12W/ linear metre of LED (white)
Standard sizes	Illuminated area
A4	300mm x 210mm
A3	420mm x 300mm
A2	600mm x 420mm
A1	840mm x 600mm

Options

Opal diffuser when required
Custom frame
Warm White, Colour or RGB LED
Shape - custom shaping is possible
Dimmers
Double sided panels

Power Supplies

A range of 12V dc power supplies is available to suit each application.