

PERSPEX® SPECTRUM LED

Illuminating Colour

Perspex® Spectrum LED acrylic sheet is a new product created to meet the needs of today's sign market.

The product combines the excellent colour performance characteristics of Perspex® with the benefits of LED technology. It enables sign makers to create illuminated signage that is cost and eco-efficient, whilst enhancing intensity and colour.

The vibrant colours of Perspex® Spectrum offer impressive hiding power to facilitate slimmer designs, improved diffusion of light and the elimination of 'hotspots'.



Features

The specialist acrylic sheet with optimised colour performance offers:

- Consistency – bold, intense colour in daylight and when illuminated
- Even illumination – excellent diffusing power
- White light formula - Perspex® Spectrum is optimised for white LEDs
- Colours – wide standard colour range, plus bespoke colour options
- Flexibility – designed for LEDs; can also be used with alternative light sources
- Aesthetics – slim designs with bright, even illumination
- Reliability – Spectrum colours carry the Perspex® 10 year guarantee



new product

Eco-benefits

Perspex® Spectrum sheet used in combination with LEDs gives added environmental product benefits over alternative light sources e.g. fluorescent tubes:

- Efficiency: LEDs produce more light per watt than incandescent bulbs. Energy savings of up to 80% is typical for LEDs in comparison to equivalent fluorescent tubes
- Fewer and lower energy LED light sources can be used to achieve the same level of brightness LEDs have a much longer lifetime than alternative light sources e.g. 50,000 hours in comparison to fluorescent tubes rated at 10,000 to 15,000 hours.
- Low heat output (Cool light): In contrast to most light sources, LEDs radiate very little heat. Wasted energy is dispersed as heat through the base of the LED



Applications

For use in illuminated:

- Corporate Signage; whether for banks, supermarkets or local shops
- Directional signage
- Displays

Product Range

Standard colours:

Opal 1TL1, Opal 1TL2, Yellow 2TL1, Yellow 2TL2, Orange 3TL1, Pink 4TL1, Red 4TL2, Red 4TL3, Green 6TL1, Green 6TL2, Blue 7TL1

Standard Thickness: 3mm

Standard sheet size: 3050 x 2030mm

Other sizes and thicknesses available on request.



LUCITE®
The source of inspiration