Perspex® Spectrum LED

Perspex® Spectrum combines the excellent colour performance characteristics of Perspex® acrylic with the benefits of LED technology.

PERSPEX ®

Potential.

This specialist acrylic sheet has optimised colour performance enabling you to create illuminated artworks that are 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'.

Performance.

Consistency
Bold, intense colour in daylight and when illuminated

Even Illumination
Excellent diffusing power

Optimised Formula Enhanced diffusion & even illumination with white or coloured 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

Technical Properties:

The general physical properties of Perspex® Spectrum LED are identical to Perspex® acrylic. Please consult the Perspex® Spectrum LED & Block Technical Data Sheets.

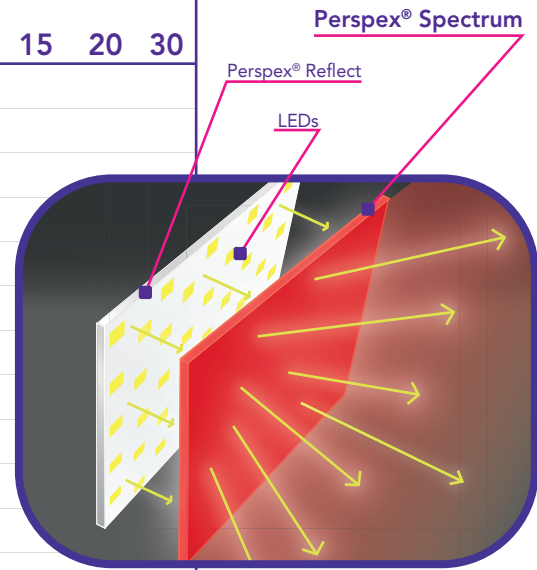Potential.Performance.Perspex®

Perspex® Spectrum LED

Product Range.

Spectrum LED Sheet Size:
3050 mm x 2030 mm

Surface Finish:
Gloss

■ Standard

☐ Made to order

Range	Product Code	LT%	Thickness - (mm) 3	4	5	6	8	10	15	20	30
Perspex® Spectrum LED	1TL1 Opal	36	■	■	■	☐	☐	☐			
	1TL2 Opal	48	■	☐	■	☐	☐	☐			
	2TL1 Yellow	22	■	☐	☐	☐	☐	☐			
	2TL2 Yellow	30	■	☐	☐	☐	☐	☐			
	2TL3 Yellow	22	☐	☐	☐	☐	☐	☐			
	3TL1 Orange	13	■	☐	☐	☐	☐	☐			
	4TL1 Pink	8	■	☐	☐	☐	☐	☐			
	4TL2 Red	5	■	☐	☐	☐	☐	☐			
	4TL3 Red	6	■	☐	☐	☐	☐	☐			
	6TL1 Green	15	■	☐	☐	☐	☐	☐			
	6TL2 Green	13	■	☐	☐	☐	☐	☐			
	7TL1 Blue	6	■	☐	☐	☐	☐	☐			

Perspex® Spectrum LED Block	Product Code	LT%	Sheet Size (mm)	10	15	20	30
	1T77 Opal	35	2000 x 1500	-	☐	☐	■
			3030 x 2030	-	☐	■	■
			3050 x 2030	■	■	☐	☐

Perspex® Spectrum

Perspex® Reflect

LEDs

Perspex® Spectrum LED Block

This optimised grade from Perspex® acrylic offers an alternative to traditionally constructed letters. Perspex® Spectrum LED Block is specially designed to have channels routered out and LEDs embedded either inside or on a rear plate. Core benefits include:

- Chunky letter designs that are easy to fabricate
- Optimised light transmission to maximise economic & environmental benefits of LED technology
- Enhanced diffusion & even illumination with white or coloured LEDs

Perspex® Brand

For more details on any of the products or applications featured here, please contact our sales team.

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PERSPEX
INTERNATIONAL