



Perspex® Light

Perspex® Light is a range of cell cast acrylic sheet products optimised for LED lighting applications.

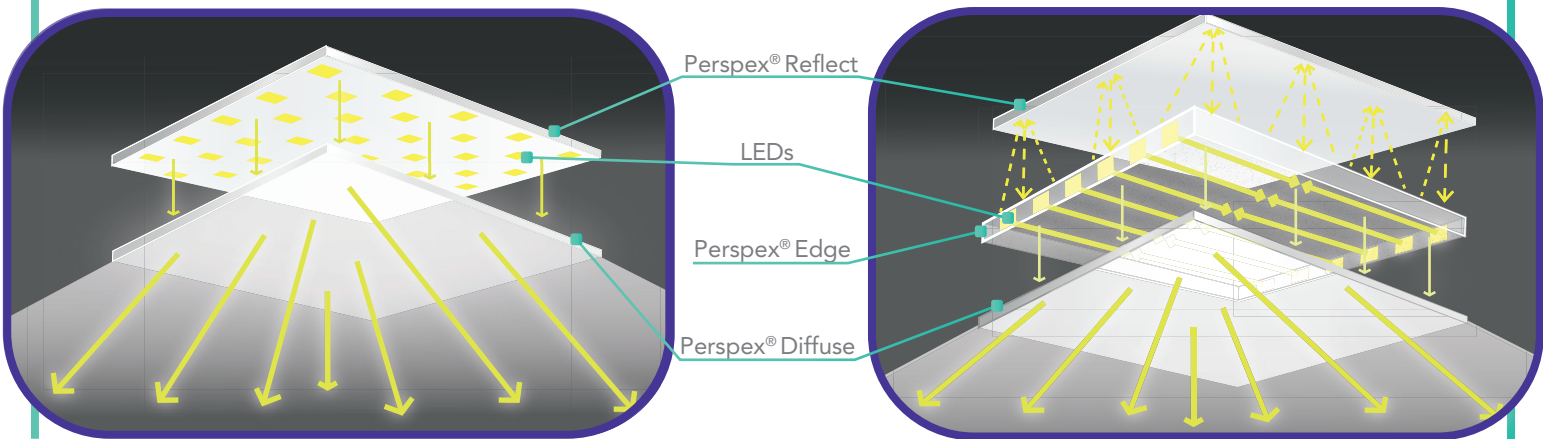
Potential.

The energy and cost saving potential of LEDs as a light source, has contributed to the significant and ongoing growth of their use in lighting applications and Perspex® acrylic is a natural partner to LEDs, offering unique advantages over other materials. It enhances LED performance in lighting units, including their use in luminaires designed to light up a room or an area. The Perspex® acrylic team has gone even further and developed Perspex® Light, a complete range of optimised products for two luminaire design technologies; edge lit and back lit illumination.

Performance.

Back Lit Panel:

Edge Lit Panel:



On their own or in combination, Perspex® Light products offer significant benefits in both back lit and edge lit luminaire designs.

High light output with even illumination

Longer LED luminaire lifetimes

100% recyclability

Value for money

Thinner light panels

Potential.Performance.Perspex®

Product Range.

- Standard
- Made to order

Our in-house product development and flexible manufacturing capability mean that even more potential is available than shown below and bespoke grades are available for small minimum quantities.

Perspex® Diffuse

The latest generation of diffusion technology that can be used in both back and edge illuminated light panels. Available grades offer diverse light transmissions in various thicknesses, giving lighting engineers ultimate choice for optimising luminaire brightness and evenness in their panel designs.

Diffuse	Light Transmission (%)	Thickness (mm)							
		2	2.5	3	4	5	6	8	10
D2 DF60	60	□	■	□	□	□	□	□	□
D2 DF70	70	□	■	□	□	□	□	□	□
D2 DF80	80	■	■	□	□	□	□	□	□
D2 DF90	90	□	■	□	□	□	□	□	□

Surface Finish:
Matt / Matt

Sheet Size:
3050 mm x 2030 mm

Perspex® Edge

The latest particulate-filled light guide panel (LGP) technology specially developed for edge illumination. Each grade is individually optimised for double edge illumination of the various panel widths.

Edge	Optimised for Panel Width (mm)	Thickness (mm)		
		4	5	6
E03B	~300	■	■	■
E06B	~600	■	■	■
E09B	~900	■	□	□
E12B	~1200	■	□	□

Surface Finish:
Gloss / Gloss

Sheet Size:
2550 mm x 1800 mm
(gives optimal efficiency for 600 x 600 mm panels)

Perspex® Reflect

A superior cast acrylic light reflective sheet, for use in the back of luminaires to optimise light output, where acrylic is the reflective material of choice.

Reflect	Thickness (mm)						
	2.5	3	4	5	6	8	10
1T8A	■	□	□	□	□	□	□
*SA 1T8A	■	□	□	□	□	□	□

Surface Finish:
Gloss / Gloss
***Matt / Gloss**

Sheet Size:
3050 mm x 2030 mm



Perspex® Brand

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

+44 (0) 1254 874000
info@perspex.com
www.perspex.com

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