



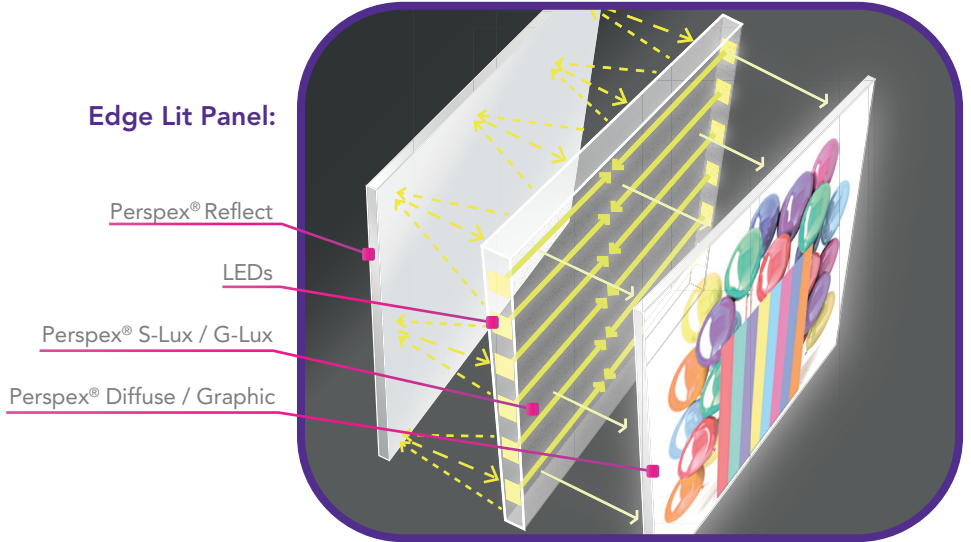
## Perspex® S-Lux & G-Lux

Perspex® S-Lux and G-Lux, cell cast acrylic for light guide panels in visual communication applications.

### Potential.

Perspex® S-Lux and G-Lux have been designed to optimise light output and evenness for all types and sizes of edge illuminated advertising panels, poster units and displays, with no need for laser engraving or printing.

#### Edge Lit Panel:



### Performance.

Optimised Performance	Benefits
Excellent long path light transmission	Maximum light output and evenness giving good sign/poster box efficiency through a diffuser/graphic
	No laser etching, engraving or printing costs necessary
	Lower energy costs
High optical clarity with low image distortion	Clear and eye catching signage
	Good colour reproduction of graphics
Superior laser cutting performance compared with other thermoplastics	Good quality edge in one step process, cost effective means of fabrication
10 year guarantee against yellowing	No unscheduled maintenance to replace the panel through light drop off.
Superior surface hardness and scratch resistance	Easy to process and longer lasting panel in application
No significant loss of impact strength on age	No unscheduled maintenance to replace through damage.

#### Technical Properties:

The general physical properties of Perspex® S-Lux and G-Lux are identical to Perspex® acrylic. Please consult the Perspex® S-Lux and G-Lux Technical Data Sheets.

# Perspex® S-Lux & G-Lux

## Product Range.

### Perspex® G-Lux

Perspex® G-Lux is a transparent gloss finish sheet with new particulate technology, enabling the sheet to hold more light reflecting particles within a smaller area. This allows maximum superior light output and evenness in a thinner panel, giving excellent sign efficiency, boosted by a graphic or diffuser. Created to complement Perspex® S-Lux, the four grades of Perspex® G-Lux offer optimised options for all illuminated unit sizes.



### Perspex® S-Lux

Perspex® S-Lux patented acrylic sheet with proven performance for over 15 years in edge lighting applications, works equally well with the latest LEDs. For use in various panel sizes, when lit, the textured finish on one side of the clear sheet controls the output of emitted light to give bright and even illumination across the surface, further enhanced by a graphic or diffuser. The matt finish also hides minor scratches.



Availability		Perspex® G-Lux				Perspex® S-Lux				
Panel Size	Panel Width (mm)	Product Thickness / Variant (mm)								
		4	6	8	10	5	6	8	10	12
X Small	< 300	G005	G005			SL 000	SL 000			
Small	< 800		G015				SL 000			
Medium	> 700 to < 1200		G025	G025				SL 000	SL 000	
Large	> 1000 to < 1500		G035	G035	G035			SL 000	SL 000	SL 000

Sheet Size:  
3050 mm x 2030 mm

Other thicknesses available on request.

ABC - Standard

ABC - Made to order



#### Perspex® Brand

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

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INTERNATIONAL

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