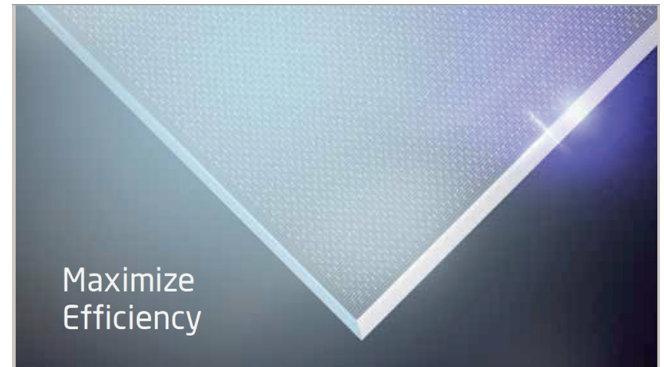


Description

Innovative light guide plate, utilising optical grade PMMA resin to and a unique pattern design which increases the spread of light versus traditional light guide plate options. RD90 is specifically engineered for edge lit applications allowing design benefits including ultra slim design, and its unparalleled uniformity of light and excellent luminance makes it the ideal choice for lighting applications. It is a key component to maximize the uniformity of light to the plate light source.

Transmission

93%, Thickness : 3.0mm, Custom sizes available



Optimized pattern for product width 550mm up to 650mm, with LEDs from 2-sides

	3D-Laser + lenti pattern LGP	2D-Laser LGP
Images		
Type	<p>← Lenticular (Upper) ← Laser (Bottom) ← LED PKG</p>	<p>← Laser (Bottom) ← LED PKG</p>
Optical profile		
Pattern process	<p>Diffuser LGP Reflector</p>	<p>Diffuser LGP Reflector</p>
Brightness (%)	<p>115%</p>	<p>100%</p>
Test results	System Flux (lumen pack): 3,784Lm Luminous Efficiency: 95lm/w (3,784lm/40w)	System Flux (lumen pack): 3,216Lm Luminous Efficiency: 80lm/w (3,216lm/40w)