

Light Guide Plate
RD90



Premium optical grade acrylic Light Guide plate for edge lit applications.

2mm and 3mm thickness

Standard sheet size:

1200 x 1200

Custom sizes available

Max Temp: 70°C

650° Glow Wire Test

Description

RD90 is a premium optical grade acrylic light guide panel, suitable for 2 side edge lit illumination.

Combining a microlinear prism and a scooped laser dot structure, the RD90 offers unrivalled decoupling of and uniform spread of light across the surface of the material.

Application

RD90 can be used in isolation to offer a 50:50: downlight/uplight distribution, or in combination with ALPs MRefl white reflector for maximum downlight performance.

RD90 can be used own or in combination with the ALP range of microprisms and optics to create bespoke beam distributions.

Material

Up to date and detailed material specifications are available on request

Notice:

ALP assumes no responsibility for suitability of luminaires and applications.

The use of lenses near and above 70°C temperatures and with high UV will cause degradation of the material.

Tolerance for light transmission is +/- 3%