



RD90 Standard Light Guide Panel

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.

With line structure on the back and laser engraving on the front. The linear structure provides an efficiency increase with up to 15% compared to the RDE90.

Hence, it has an opal appearance and is not transparent.

Key features

Provides an efficiency increase compared to the RDE90

Ideally for combination with Jungbecker prismatic sheets for de-glaring (e. g. CDP)

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

Custom sizes available

Product data

Standard Material	PMMA (acrylic)
Temperature range	-40 °C up to +70 °C
Transmission	93%
Thickness	3 mm (4 & 5 mm upon request)
Dimension	max. length 1300 mm max. width 1200 mm custom sizes available

In collaboration with:

SEWON