

Light panel ¹⁾ – Application Case

Application requirements

Target application:	Light panel
Target dimensions:	W 600mm; H 800mm
Luminaire requirements:	Low profile; 90% uniformity

FA11948_Julia-A²⁾

Optimal for Backlighting

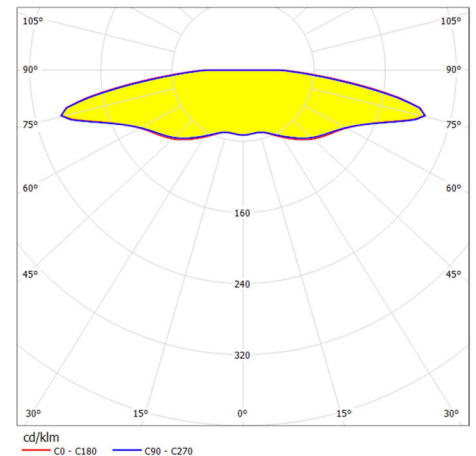
- Wide batwing light distribution
- Suggested spacing 100mm
- Suggested height 50mm
- Over 90% uniformity possible
- Over 85% optical efficiency

Optimal mechanical design

- Environmental sealing possible
- Double sided tape
- Compact size

Results with example lens

- Number of LEDs: 48pcs
- Light panel uniformity: over 90%
- Light panel output: about 3000lm
- Light panel thickness: 60mm



1) Light panel refers to a backlit illuminating panel.

2) Lens specified in the example is not the only solution for specified application. LEDIL offers other lenses also suitable for the application.