

## Solar Control

Low € Neutral 50

Code: SO-50LEN-iSR

**Opalux® Low € neutral solar control film helps retain heat within the room, lowering winter overheads whilst still offering heat rejection to combat solar heat gains problems.**

Opalux® Low € neutral solar control film can also provide additional benefits such as reduced fading of interior furnishings, uniform outside appearance, winter heating savings, and as with most Opalux films up to 99% ultraviolet light (UV) filtering.

These films help to reduce cooling costs and therefore Climate Change Levy liability by lightening the load on air conditioning equipment. Government and business organisations can use Opalux solar control window films

as an integral part of seeking to comply with the Carbon Reduction Commitment scheme and The Carbon Trust policies.

They also help to alleviate the discomfort caused by excessive heat, assisting in compliance with the Workplace (Health, Safety and Welfare) Regulations.

Features	Benefits
<b>Insulating</b>	Low emissivity film helps retain heat within the room, lowering winter overheads
<b>Cuts energy use for cooling</b>	Reducing energy tax liability and contributes to a reduced carbon footprint
<b>Solar heat rejection</b>	Alleviate the discomfort caused by excessive heat
<b>Quick, retro-fit installation</b>	Can be used where costly and disruptive large-scale replacement of existing glazing is not a viable option
<b>Screening of harmful UV rays</b>	Reduced fading of interior furnishings

Performance Data	
<b>Total Solar Energy</b>	
Transmitted	37%
Reflected	30%
Absorbed	33%
<b>Visible Light</b>	
Transmitted	48%
Reflected	28%
Ultra-Violet Rejected	99%
U-Value (W/m <sup>2</sup> .°K)	4.08
Winter Heat Loss Reduction	<15%
Total Solar Energy Rejected	57%

### Specification:

The solar control window film is to be Opalux® SO-50LEN-iSR, as manufactured by Opalux® ([www.opalux.co.uk](http://www.opalux.co.uk)). The film is to be installed to the interior surface of the glass, and the unique product roll numbers used are to be registered in accordance with the manufacturer's warranty procedure.

### Notes:

Test results are produced from film applied to clear single-glazing. Performance data is subject to change without prior notice. Accurate selection of window film requires specialist knowledge, and it is recommended that specifiers contact the company at the specification stage. It is the users' responsibility to ensure the product is suitable for the intended use. The seller shall not be liable for any direct or consequential loss howsoever arising.

Film to Glass U-Value Indication		
Glass Structure	U-Value without film (W/m <sup>2</sup> .°K)	U-Value with film (W/m <sup>2</sup> .°K)
4mm Clear Single Pane	5.8	4.4
4mm Clear/12mm Gap/4mm Clear	2.9	2.5
4mm Clear/12mm Argon Filled/4mm Low-€	1.5	1.3