

# SP e-Lite 45i - Spectrally Selective Interior Films

See the light, feel the difference



**SP e-Lite 45i** interior window film delivers excellent levels of heat rejection that maintains cool, comfortable interiors, whilst preserving the natural appearance of both the glass and the building exterior. The film's neutral color features low visible reflection inside and out, and effectively reduces excessive solar heat. **SP e-Lite 45i** interior window film is compatible with all glass glazing window systems and is particularly popular in historical buildings, museums and residential projects.

Optical and Solar Properties**	SP e-Lite 45i	
Item Number	R081I4W / R081IS4 PS	
Pane	Single	Double
Visible Light Transmitted	44%	40%
Visible Light Reflected (Interior)	12%	14%
Visible Light Reflected (Exterior)	17%	23%
Ultra Violet Block	99%	99%
Total Solar Energy Reflected	24%	26%
Total Solar Energy Transmitted	26%	23%
Total Solar Energy Absorbed	50%	51%
Emissivity (Room Side)	0.83	0.83
Glare Reduction	51%	50%
Selective InfraRed Reduction (SIRR)	86%	86%
InfraRed Energy Rejection (IRER)	69%	69%
Shading Coefficient	0.47	0.58
Solar Heat Gain Coeff. (G-Value)	0.41	0.51
U-Value Winter (IP)	1.04	0.48
U-Value Winter (SI)	5.88	2.72
Luminous Efficacy	0.94	0.69
Total Solar Energy Rejected (%)	59%	49%

\*\* Performance results are calculated on 3 mm glass using NFRC methodology and LBNL Window 5.2 software, and are subject to variations in process conditions within industry standards and are only intended for estimating purposes.



Graphics Solutions

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