

SP e-Lite 45x - Spectrally Selective Exterior Films

See the light, feel the difference



SP e-Lite 45X exterior window film delivers excellent levels of heat rejection helping to maintain cool, comfortable interiors, while 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 reducing excessive solar heat. **SP e-Lite 45X** exterior 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 45X	
Item Number	R105I4X	
Pane	Single	Double
Visible Light Transmitted	47%	43%
Visible Light Reflected (Interior)	12%	19%
Visible Light Reflected (Exterior)	17%	19%
Ultra Violet Block	99.9%	99.9%
Total Solar Energy Reflected	30%	31%
Total Solar Energy Transmitted	27%	23%
Total Solar Energy Absorbed	43%	46%
Emissivity (Room Side)	0.84	0.84
Glare Reduction	48%	47%
Selective InfraRed Reduction (SIRR)	86%	86%
InfraRed Energy Rejection (IRER)	72%	72%
Shading Coefficient	0.45	0.36
Solar Heat Gain Coeff. (G-Value)	0.39	0.31
U-Value Winter (IP)	1.04	0.48
U-Value Winter (SI)	5.92	2.73
Luminous Efficacy	1.04	1.19
Total Solar Energy Rejected (%)	61%	69%

** 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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