Solar Control & Energy Savings

Dual Reflective Medium Neutral

V 28 SR CDF

Performance Data

LLumar®

Technical data according to EN 410 and EN 673*	4 mm single	4/16/4 mm double
Solar Energy Transmission, τ_e	23%	21%
Solar Energy Reflection, ρ_e	32%	
Solar Energy Absorbtion, α_e	45%	47%
Visible Light Transmission, τ_v	29%	27%
Visible Light Reflection (External), ρ_{ve}	32%	35%
Visible Light Reflection (Internal), ρ_{vi}	20%	21%
Ultraviolet Transmission, τ_{uv}	<1%	
Ultraviolet Rejection	>99 %	
g value	0.34	0.47
Shading Coefficient	0.39	0.54
Total Solar Energy Rejected	66%	53%
Glare Reduction	67%	
U value, single glazing (W/m².K)	5.56	
U value, double glazing, Air filled (W/m².K)		2.66
Emissivity, ε_n	0.77	
Colour Rendering Index, R_a	91	90
Film Colour / Appearance	Neutral Reflective	
Installation position	Internal	
Manufacturer's Limited Warranty**: 10 Years		

Installation Notes: X-100 may be used for installation. Use Film On for installation.

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Features And Benefits

LLumar®

- Solar control and privacy film, dual reflective neutral interior appearance

- Blue-grey hue with low interior and high exterior reflectivity

- Used where excellent heat and glare reduction are required, and a lower interior surface reflectance is desired at night (compared to the reflective range)

- Offers good daytime privacy with optical transparency

- Optically-clear sputtered film with advanced colour stable technology

- Rejects up to 66% of solar energy, helping reduce heat build-up, and energy costs, increasing occupant comfort.

- Durable scratch-resistant coating for easy cleaning

- Shields >99% of UV radiation, helping to reduce fading of valuables, fabrics and furnishings**

- Reduces glare, which is a contributor to eye fatigue

- Interior installation