Solar Control & Energy Savings

Dual Reflective Light Neutral

V 38 SR CDF

Performance Data

Technical data according to EN 410 and EN 673*	4 mm single	4/16/4 mm double
Solar Energy Transmission, τ_e	31%	27%
Solar Energy Reflection, ρ_e	25%	27%
Solar Energy Absorbtion, α_e	44%	46%
Visible Light Transmission, τ_v	38%	35%
Visible Light Reflection (External), ρ_{ve}	25%	29%
Visible Light Reflection (Internal), ρ_{vi}	16%	18%
Ultraviolet Transmission, τ_{uv}	<1%	
Ultraviolet Rejection	>99 %	
g value	0.4	0.53
Shading Coefficient	0.46	0.61
Total Solar Energy Rejected	60%	47%
Glare Reduction	58%	57%
U value, single glazing (W/m².K)	5.46	
U value, double glazing, Air filled (W/m².K)		2.64
Emissivity, ε_n	0.73	
Colour Rendering Index, R_a	93	90
Film Colour / Appearance	Neutral	
Installation position	Internal	
Manufacturer's Limited Warranty**: 10 Years		

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

Please check the complete Film to Glass Thermal Stress Compatibility Guidelines before film installation; Contact Eastman Performance Films for full details.
*The properties reported for LLumar architectural window films were calculated using EN410 methodology for film applied to single pane (4mm clear glass) and dual pane glazing (4mm clear glass panes, 16mm air space). Reported values were calculated from representative product samples. Actual performance may vary based on a number of factors, including glass properties, and standard manufacturing variances .Solar spectrum used: UV 300-380nm, Visible Light 380-780nm, IR 780-2500nm.
**Manufacturer's Limited Warranty validity: Europe only. Certain restrictions apply, see authorized dealer for warranty details.

Datasheet created on 20/02/19. For a more recent version please contact your LLumar representative.

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Features And Benefits

- 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 60% 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