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Interior Side

Benefits and selection criteria

- Shields 99% of UV radiation, reducing fading of valuables, fabrics, and furnishings
- Durable scratch-resistant coating for easy cleaning
- Reduction of hot spots increases HVAC efficiency and lowers energy costs
- Improves building aesthetics
- Used where moderate glare and heat reduction are essential, combined with low reflectance and truly neutral transmitted daylight color balance

Manufacturer's
Warranty

Contact your dealer
about details

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Exterior Side

Performance Data

	% Total Solar Transmittance	% Total Solar Reflectance	% Total Solar Absorbance	% Visible Light Transmittance	% Visible Reflectance (exterior)	% Visible Reflectance (interior)	Winter U-value	Shading Coefficient	% Ultraviolet Ray Protection (wavelengths 280-380nm)	Emissivity	Solar Heat Gain Coefficient	% Total Solar Energy Rejected	Light-to-Solar Heat Gain Ratio (LSG)	% Summer Solar Heat Gain Reduction	% Winter Heat Loss Reduction	% Glare Reduction
Clear Glass 1/4" (6mm) single pane	77	7	16	88	8	8	1.03	0.94	38	0.84	0.82	19	1.07	-	-	-
Clear Glass 1/4" (6mm) dual pane	61	11	28	79	14	14	0.47	0.81	54	0.84	0.70	30	1.13	-	-	-
N1040 SR 1/4" (6mm) clear single pane	32	14	54	39	17	15	1.03	0.57	99	0.84	0.49	51	0.80	39	0	56
N1040 SR 1/4" (6mm) clear dual pane	26	16	58	35	22	17	0.47	0.64	99	0.84	0.55	45	0.64	21	0	56

The solar performance data reported for LLumar architectural window films was captured using the National Fenestration Rating Council's (NFRC) standard guidelines for window film solar performance measurement as measured on single pane, 1/4 inch (6mm), clear glass and dual pane, 1/4 inch (6mm), clear glass.