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Interior Side

Benefits and selection criteria

- Unique one-way mirror effect adds privacy without blocking view
- Offers significant energy savings by rejecting up to 82% of solar energy
- Shields >99% of UV radiation, helping to reduce fading of valuables, fabrics and furnishings**
- Durable scratch-resistant coating for easy cleaning
- Used where very low inside and high outside reflectance are needed for one-way mirror effect, along with providing extreme heat and glare reduction



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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 300-380nm)	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	-	-	-
RN07G SR CDF 1/4" (6mm) clear single pane	6	49	45	6	59	13	0.87	0.21	>99	0.54	0.18	82	0.33	78	16	93
RN07G SR CDF 1/4" (6mm) clear dual pane	5	39	56	5	57	13	0.43	0.33	>99	0.54	0.28	72	0.18	60	9	94

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. All safety and performance data has been measured in accordance with ASTM, ASHRAE, AIMCAL and ANSI standards using NFRC methodology with Lawrence Berkeley National Lab's WINDOW Fenestration Analysis Software. Reported values are taken from representative product samples and are subject to normal manufacturing variances. Actual performance will vary based on a number of factors, including glass type and properties.