

FILM
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Interior Side

Benefits and selection criteria

- Virtually invisible
- Shields 99% of UV radiation, helping to reduce fading of valuables, fabrics and furnishings**
- Easily removed and replaced
- Selected where an invisible sacrificial surface is needed to help protect glass or smooth metal surfaces from very aggressive marring or vandalism (paint, acid attack, or surface etching)
- Please see LLumar.com for recommendations and test results for specific glass and frame types



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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 Reflected	Light-to-Solar Heat Gain Ratio (LSG)	% Summer Solar Heat Gain Reduction	% Winter Heat Loss Reduction	% Glare Reduction
Clear Glass 1/8" (3mm) single pane	83	8	9	90	8	8	1.03	1.00	29	0.84	0.86	14	1.05	-	-	-
GCL SR RPS6 1/8" (3mm) single pane	81	9	10	89	10	10	1.07	0.97	99	0.90	0.84	16	1.06	2	-3	1

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.