

EXTERIOR SERIES | THE 80 BL ER (Clear)



Interior Side

Benefits and selection criteria

- Rejects up to 56% of solar energy, reducing heat build-up and energy costs
- Exterior installation provides protection for hard to reach locations
- Blocks >99% of ultraviolet rays**, helping to protect furnishings by reducing premature fading
- Spectrally-selective with a very light blue hue and superior clarity
- Reduces glare and eye fatigue



LLumar.com

*Certain restrictions apply; see an authorized dealer for warranty details. **Wavelengths 300-380nm. Films do not eliminate fading - they reduce it. UV rays and heat are contributing factors to fading, but other factors exist. For further information, see LLumar.com/download-library. © 2018 Eastman Performance Films, LLC. Product brands referenced herein with a ™ or ® symbol are trademarks of Eastman Chemical Company or its subsidiaries. All other trademarks are the property of their respective owners. Printed in U.S.A. (01/18) L2324



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Exterior Side

Performance Data

	% Total Solar Transmittance	% Total Solar Reflectance	% Total Solar Absorptance	% 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	-	-	-
THE 80 BL ER 1/4" (6mm) clear single pane	36	8	56	71	14	15	0.48	0.53	>99	0.89	0.46	54	1.54	39	0	12
THE 80 BL ER 1/4" (6mm) clear dual pane	33	8	59	68	13	15	0.47	0.51	>99	0.89	0.44	56	1.55	37	0	14

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.