# SPECIALTY SERIES | AIR80 BL SR (Clear)


## Benefits and selection criteria

- Rejects up to 45% of solar energy, reducing heat build-up and energy costs
- Shields 99% of ultraviolet radiation, reducing fading of valuables, fabrics, and furnishings
- Optically clear with advanced nano-ceramic infra-red ray reducing technology
- Used where a combination of extremely low visible reflectance, high light transmission, and substantial reduction in solar infrared transmission is needed

Manufacturer's Warranty

Contact your dealer about details

EASTMAN

LLumar.com



(01/14) L2085

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## 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 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<br>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<br>1/4" (6mm) dual pane | 61 | 11 | 28 | 79 | 14 | 14 | 0.47 | 0.81 | 54 | 0.84 | 0.70 | 30 | 1.13 | - | - | - |
| AIR80 BL SR<br>1/4" (6mm) clear single pane | 42 | 12 | 46 | 72 | 15 | 14 | 0.98 | 0.64 | 99 | 0.75 | 0.55 | 45 | 1.31 | 32 | 5 | 18 |
| AIR80 BL SR<br>1/4" (6mm) clear dual pane | 35 | 15 | 50 | 64 | 20 | 18 | 0.46 | 0.67 | 99 | 0.75 | 0.58 | 42 | 1.10 | 17 | 2 | 19 |

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.