

Wasco skylights with Lumira® aerogel filled multiwall polycarbonate panels are the highest performing daylighting product available on the market today.

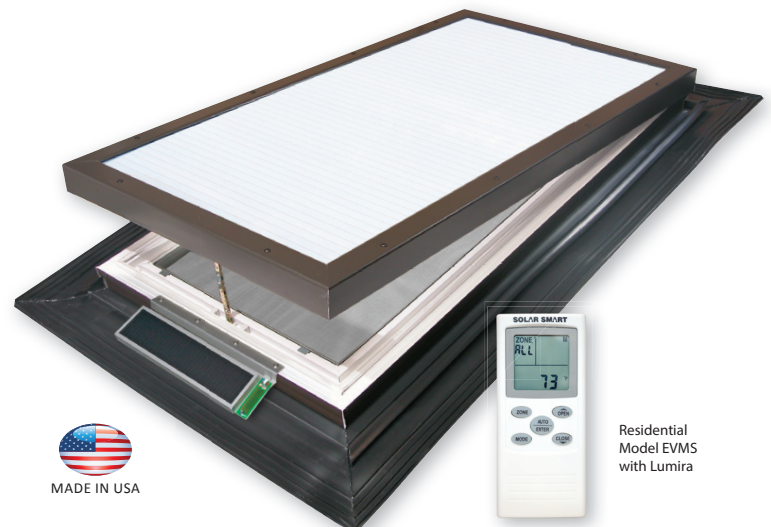
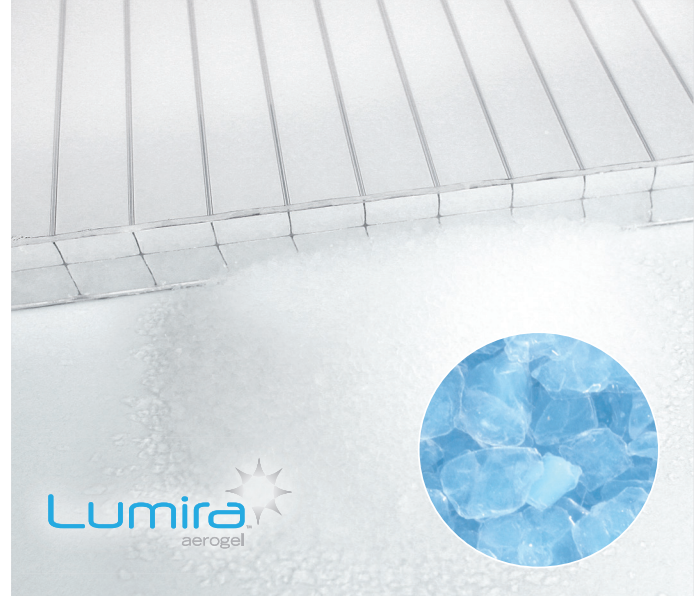
Multiwall Polycarbonate Panel

The industry's most advanced multiwall polycarbonate sheet. This high-performance, lightweight panel maintains high clarity and provides an outstanding balance of impact strength and stiffness, excellent thermal insulation, UV protection, flame and condensation control, and long-term high light transmission.

Lumira® Aerogel Fill

Lumira aerogel provides superior insulating capabilities. Made of a dry silica particulate, Lumira aerogel is completely recyclable, eco-friendly, non-combustible, and Cradle-to-Cradle certified. It is a lightweight insulation and daylighting solution that repels water, retains its properties under compression, and can enhance design options and aesthetics providing beautifully diffused full spectrum daylight inside the building.

- UV stable multiwall polycarbonate glazing filled with Lumira aerogel
- Superior thermal performance of a typical insulated glass skylight
- Glare-free, full spectrum diffused light
- Green product that's Cradle-to-Cradle certified
- Completely moisture resistant
- Will not support growth of mold, mildew, or fungus
- Reduces sound transmission
- Performance will not deteriorate over time



Residential Model EVMS with Lumira

Wasco Skylights with Lumira® Aerogel

Thermal Performance

	VLT	SHGC	U-Value
Residential Unit ¹	49%	0.16	0.54

Sound Reduction

- Unit Skylights – 70% Improvement
- Structural Skylights – 25% Improvement

Explanation of Terms: VLT (Visible Light): Radiant energy from 380nm – 780nm wavelengths. (% Transmittance): percentage of visible light directly transmitted through glass. U-Value: Air-to-air thermal conductance of glass and associated air/gas layers; units are Btu/hr.ft2 deg F. SHGC (Solar Heat Gain Coefficient): Fraction of solar energy transferred indoors both directly (radiation) and indirectly (convection/absorption/re-radiation) through the glass (for reference, 1/8" clear glass has a SHGC of 0.86). ¹Center of Glazing.