

FEATURE	BENEFITS
10 Year Warranty	<ul style="list-style-type: none"> Peace of mind as the whole product is warranted.
Meets Australian Building Code	<ul style="list-style-type: none"> Thermal performances exceed standards as established in the Australian Building code.
Energy-Star Rated in United States	<ul style="list-style-type: none"> Patented Cool Tube technology draws heat away from the ceiling fixture. Energy-Star Rated - minimal heat gain during summer and heat loss during winter.
Leak Proof Guarantee	<ul style="list-style-type: none"> Peace of mind that the System will not leak.
Highest Performance Guarantee	<ul style="list-style-type: none"> Unlike any other product on the market, the Solatube™ Daylighting System comes with a highest performance guarantee. See website for details.
Smaller Roof Penetration	<ul style="list-style-type: none"> For increased light output.
Better than a Traditional Skylight	<ul style="list-style-type: none"> Traditional skylights have little control over glare, hot spots, heat gain, heat loss and uniform illumination. Solatube™ Daylighting Systems are specifically designed to provide quality natural light, without glare or leaking and with minimal heat gain or loss through the roof
Feel Good Factor	<ul style="list-style-type: none"> The Solatube™ Daylighting System resembles a light fitting, but the natural light brought into the home is proven to make people feel better.
Daylight Positively Influences Human Performance	<ul style="list-style-type: none"> Improves student learning. Greater employee productivity. Improved employee attendance. Increases retail sales through improved article lighting.

Model	Tube Size (diameter)	EDCS*	Light Coverage Area (residential)	Potential Tube Length
Solatube® 160 DS	250mm	1032cm ²	14-19m ²	6m+
Solatube® 290 DS	350mm	1871cm ²	23-28m ²	9m+

*EDCS (Effective Daylight Capture Surface) represents the surface area of the dome that collects and redirects sunlight. For comparison, a clear dome with no lens (i.e. competitor product) on a typical 250mm tube system has an EDCS of 199.4 cm², compared to Solatube™ Daylighting System 160DS 1032cm².



Solatube™ Daylighting System



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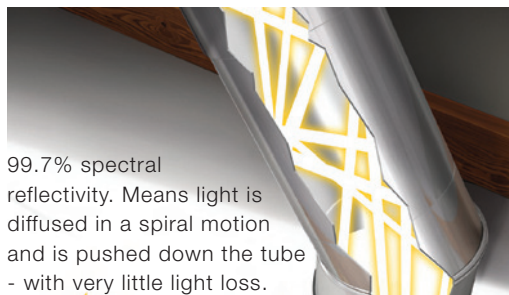
Solatube™ Daylighting System

Capture Zone

The Raybender® 3000 Technology along with the LightTracker™ Reflector within the dome will capture, harvest and push daylight down the System.



Transfer Zone



99.7% spectral reflectivity. Means light is diffused in a spiral motion and is pushed down the tube - with very little light loss.

Delivery Zone



Diffused daylight at the Delivery Zone has the appearance of a light fixture. Also, minimal heat loss and heat gain assists with earning the Energy Rating.

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Raybender® 3000 Technology Patented daylight capturing dome lens	<ul style="list-style-type: none"> • Redirects low-angle sun. • Rejects overpowering summer midday sunlight. • Consistent daylighting throughout the day.
LightTracker™ Reflector Patented in-dome reflector faces north	<ul style="list-style-type: none"> • Redirects low-angle winter sunlight from early morning to late afternoon. • Increased light input for increased light output. • Intercepts daylighting that would otherwise pass through the dome. • Unsurpassed year-round performance.
Effective Daylight Capture Surface (EDCS) Small roof penetration	<ul style="list-style-type: none"> • The EDCS captures more daylight than any other product on the market. • The 160DS model has an effective daylight capturing surface of 1032cm². 290DS = 1871cm².
Injection Moulded Dome	<ul style="list-style-type: none"> • Impact resistant acrylic dome. • Will not craze or crack with time. • Hardwearing.
Condensation Tract	<ul style="list-style-type: none"> • Eliminate moisture build up within the system at its source.
Designed to inhibit harmful UV rays	<ul style="list-style-type: none"> • Blocks 100% UVB & UVC rays and 95% of UVA rays, so your clothing and furnishings won't fade.
Neoprene Seal	<ul style="list-style-type: none"> • Reduces heat transfer between dome and tubing, and reduces condensation.
Flashings	<ul style="list-style-type: none"> • Leak proof design, BRANZ Appraised [No: 665]. • One piece, seamless flashings to suit almost any roof type. • No lead content.
Spectralight® Infinity Solid Aluminium Tubing	<ul style="list-style-type: none"> • 99.7% Spectral reflectivity. • World's most reflective tubing. • Purest colour rendition possible, natural light. Refer Colour Rendering Index (CRI).
Spectral Reflectivity vs. Total Reflectivity	<ul style="list-style-type: none"> • Limited light loss - only 0.3% per light bounce rather than 3% light loss for 97% Total Reflectivity. • Light is diffusing and bouncing. • Long distance tube runs with limited light loss.
90° and 30° bends	<ul style="list-style-type: none"> • Put daylight where wanted as tube can be angled at any direction. No structural limitations.
99.9% True Colour Rendition (CRI)	<ul style="list-style-type: none"> • No colour shift of visible light spectrum from exterior to interior.
Transfer light up to 15 metres	<ul style="list-style-type: none"> • Light up lower level floor.
Dual Lens Array Technology. Combines two lenses to provide complete daylighting customisation	<ul style="list-style-type: none"> • The Diffuser Lens controls the light diffusion. • The Effect Lens alters the colour temperature and offers choices to soften or warm the light.
Fresnel Lens	<ul style="list-style-type: none"> • Optically designed for daylight diffusion.
Daylight Dimmer™	<ul style="list-style-type: none"> • Controllable daylighting at the flick of a switch - Infinitely variable.
Rubber Seal on Diffuser	<ul style="list-style-type: none"> • Eliminates air infiltration into the light shaft, minimising the rate of non-solar heat loss or gain.
Light Add-on Kit	<ul style="list-style-type: none"> • Night time light with the flick of a switch.
Designer Options	<ul style="list-style-type: none"> • Seamlessly blends in with other light fixtures on your ceiling.
Vent Add-on kit (160 DS only)	<ul style="list-style-type: none"> • Perfect for any moist room. • Extracts steam and odours.