Supplier:	Solatube Australia Pty Ltd, 2/5 Wenban Place Wetherill Park NSW 2164								
	Mail to: PO BOX 6689 Wetherill Park NSW 2164 Tel: 13 16 19								
	E-Mail: customerservice@solatube.com.au Web: www.solatube.com.au								
Product:	Solatube 290 DS (350mm diameter) Transparent roof-mounted skylight dome and self-flashing curb,								
		be, and ceiling I				nlight to interior spa			
Roof Dome:	Brighten Up Series: Solatube Model 290DS, 350mm Daylighting System.								
	Transparent, UV and impact resistant dome with flashing base supporting dome and top of tube Out to Planta Charles Trans DA 0.105 inch (0.05 max) printing this large impact to a fine to the charles are considered.								
	 Outer Dome Glazing: Type DA, 0.125 inch (3.25 mm) minimum thickness impact resistant injection moulded acrylic classified as CC2 material; UV inhibiting, impact modified acrylic blend 								
	 Optional Shock Inner Dome Glazing: Type DI, 0.115 inch (2.9 mm) minimum thickness high 								
	impact resistant injection moulded acrylic required for high velocity wind zones.								
	Raybender 3000: Variable prism optic moulded into outer dome to capture low angle sunlight								
	 and limit high angle sunlight. LightTracker Reflector: Aluminum sheet, thickness 0.015 inch (0.4 mm) with Spectralight Infinity. Positioned in dome to capture low angle sunlight. 								
									Roof Flashing
.0011103111116		d top of tube.	io piece, ecai	mood, rount proc	, naoming	Tariottorning do bao	o dapport	ioi doillo	
Top Ring	Tube Ring: Attached to top of base section; 0.090 inch (2.3 mm) nominal thickness injection								
	moulded high impact acrylic; to prevent thermal bridging between base flashing and tubing and								
	 channel condensed moisture out of tubing. Reflective Extension Tube: Aluminum sheet, thickness 0.015 inch (0.4 mm). 								
xtension ube								ve surfac	
ections	 Interior Finish: Spectralight Infinity high reflectance specular finish on exposed reflective su Visible spectrum (400 nm to 760 nm) greater than 99 percent. Total solar spectrum (400 nm 								
		00 nm) less tha		, 9			(
ingle	Reflective 30 degree Adjustable tube: Aluminium sheet, thickness .015 inch (0.4mm)								
Adaptor	Reflective 90 degree Adjustable tube: Aluminium sheet, thickness .018 inch (0.5mm)								
	 Interior Finish: Spectralight Infinity high reflectance specular finish on exposed reflective surface Visible spectrum (400 nm to 760 nm) greater than 99 percent. Total solar spectrum (400 nm to 								
		00 nm) less tha		Jilili) greater ti	iaii 33 pei	cerii. Total solal sp	ectiuiii (4	טט ווווו נט	
Diffuser		Dual Glazed Diffuser Assembly: with glazing options and lens effect option for mood lighting							
		al Glazed Diffus	ser Assembly:	: with glazing op	tions and	lens effect option f	or mood li	ghting	
	• Du cor	ntrol.				·			
Performance	• Du cor • Pro	ntrol. oducts have bee	en tested by N	IFRC (National	Fenestrat	ion and Ratings Co	ouncil) and	I meet the	
	• Du cor • Pro SH	ntrol. oducts have bee IGC and U-Valu	en tested by Nue requiremen	IFRC (National	Fenestrat	·	ouncil) and	I meet the	
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	• Du cor • Pro SH	ntrol. oducts have bee IGC and U-Valu	en tested by Nue requiremen	IFRC (National	Fenestrat	ion and Ratings Co	ouncil) and	I meet the	
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Brighten Up® Series Material Specifications

- Roof Dome: Injection moulded, impact-resistant, polycarbonate with UV protective characteristics. Classified as TP(a) material, 3.2mm think, visible transmission minimum 92%. Raybender® 3000 technology (patented) prismatic pattern moulded into dome to capture low angle sunlight.
- LightTracker™ Reflector increases daylight collection and harvesting for low sun angles resulting in increased light output. Spectralight Infinity, for specifications see #5 below.
- Dome Ring contains condensation gutter designed to channel out condensed moisture.
- Roof Flashing: metal with protective powder coating complements roofing materials and combats corrosive material. Alternative roof flashings available.
- Spectralight Infinity Tubing: Fabricated from aluminium sheet meeting the requirements of ASTM B 209, alloy and temper required by the manufacturer to suit forming operations and finish requirements, 0.4mm thick

Interior finish: Spectralight Infinity high reflectance specular finish on exposed reflective surface; Visible spectrum (400 nm to 760 nm) greater than 99%; Total solar spectrum (400nm to 2500nm) less than 93%.

Colour a* and b* (defined by CIE *a*b colour model) shall not exceed plus 2 or be less than minus 2 as determined in accordance to ASTM E 308.

- The 30-degree Angle Adaptors: Spectralight Infinity tubing fabricated from aluminium sheet meeting the requirements of ASTM B 209, alloy and temper required by the manufacturer to suit forming operations and finish requirements, 0.4mm thick. Optional 0-90 Degree extension tube also available (0.46mm thick
- 7. Ceiling Ring: Injection moulded impact resistant acrylic.
- Ceiling Diffuser assembly (Dual Glazed): Two options, Optiview Diffuser or Vusion Diffuser.
 - a) Diffuser Lens:
 Optiview Moulded polycarbonate plastic classified as TP(a) material.

 Vusion Injection Moulded acrylic plastic classified as TP(a) material.
 - b) Diffuser Dress Ring: Injection moulded impact resistant acrylic.

SOLATUBE 290DS

