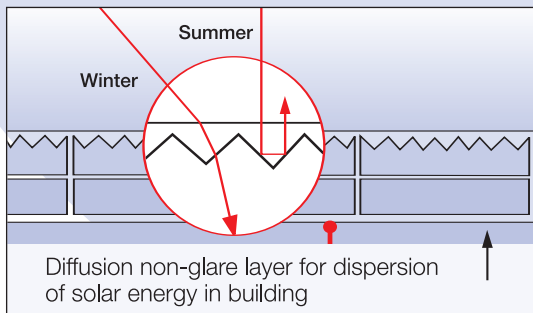
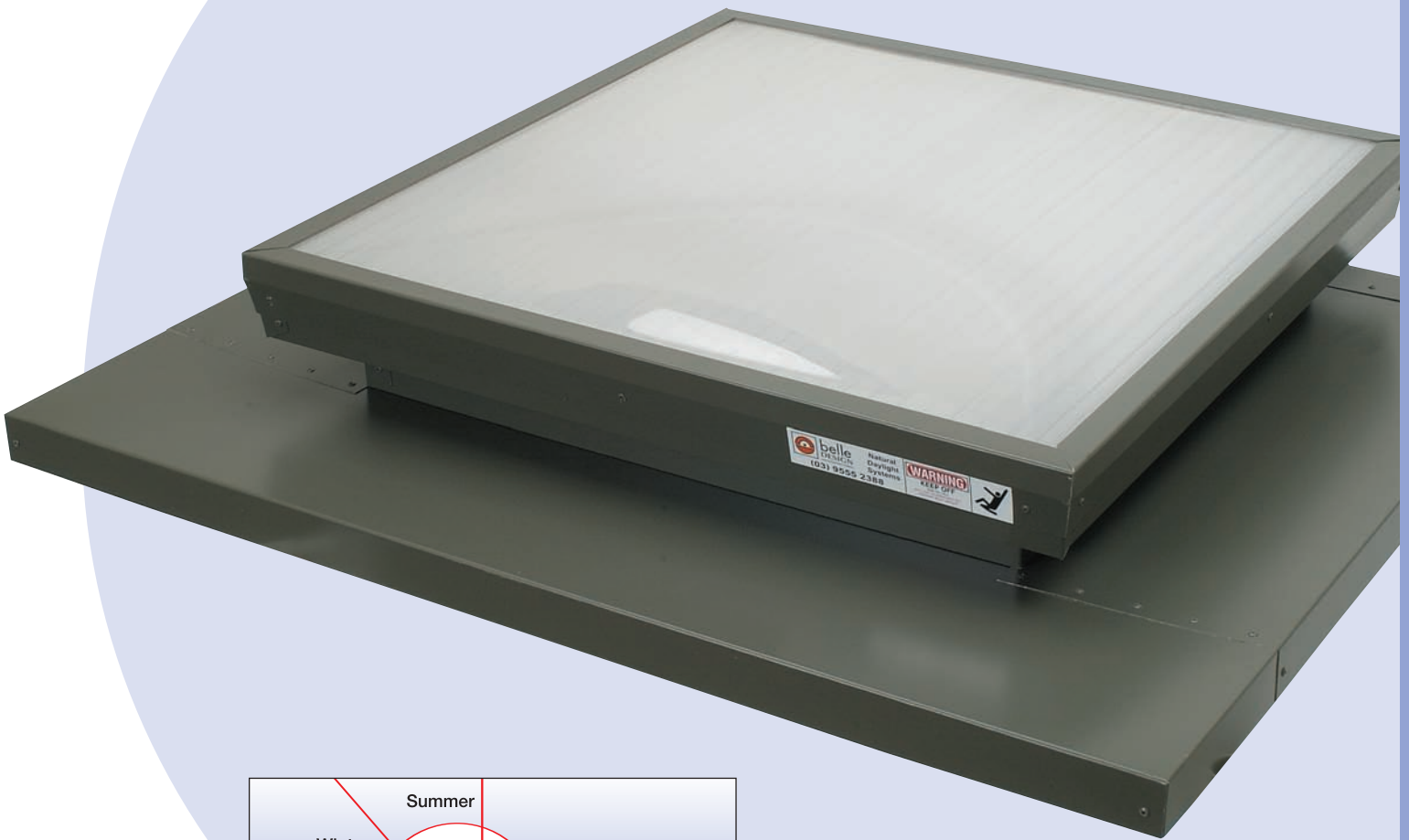




# SelectoLite™

*Energy efficient light control*



**belle**

Proudly Australian Made and Owned by **Belle Design & Manufacturing**

## NATURAL DAYLIGHT SYSTEMS

Advanced 21st Century skylight that offers diffused solar energy and high light transmission all year round

**In summer** when the sun is at its highest the SelectoLite™ reflects the sun's rays and prevents heat penetration while transmitting indirect natural light into the building.

**In winter** when the sun is at its lowest the SelectoLite™ allows solar energy to penetrate and warm the building.

The Revolutionary SelectoLite™ skylight concept of diffused light transmission uses a unique prismatic design sheet with co-extruded coating providing the ultimate energy selective, non glare skylight.

### Features:

- Large standard size range available as per chart or variables on request, also available as a circular skylight P.O.A.
- Clear outer moulded insulating dome gives added heat reduction, promotes self cleaning, gives required water run-off when used in deck roof applications.
- No separate louvre blades to rattle, discolour or rust due to inner flute condensation.
- 16mm thick Polycarbonate has excellent fire resistant properties as per chart and is virtually unbreakable.
- Suitable for all roof types, Colourbond flashings available to co-ordinate with roof colour (standard Zincalume or Galvanized).

SelectoLite™ panels comply with ASTM D5628-95, BS2782 and DIN 53443 standards.

#### To Specify:

When ordering quote:

**Belray SelectoLite**

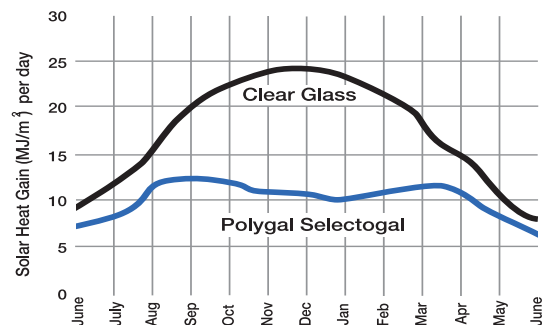
Vented or non vented, roof type, roof material, roof colour if required, roof pitch, size & if not square measurement across roof x length up roof. For optimum performance SelectoLite Skylight reflective flutes should follow roof pitch.

SelectoLite™ Standard Size Chart*		
size (mm)	actual throat size (sq.m)	ventilation area (sq.m)
500 X 500	0.25	0.081
600 X 600	0.36	0.095
800 X 800	0.64	0.122
900 X 900	0.81	0.136
1000 X 1000	1	0.149
1200 X 1200	1.44	0.176
500 X 800	0.4	0.102
500 X 900	0.45	0.104
500 X 1000	0.5	0.112
600 X 800	0.48	0.108
600 X 1200	0.72	0.136
800 X 1200	0.96	0.149
900 X 1200	1.08	0.156

\* Other sizes available P.O.A.

Extract from Experimental Building Station, North Ryde, NSW. 21/11/78				
<b>Subject:</b> Early Fire Hazard Properties of Material Report Number E4511				
<b>Tradename:</b> 'A' Polycarbonate				
<b>Results:</b>	Ignitability Index (0-20) 0	Spread of Flame Index (0-10) 0	Heat Evolved Index (0-10) 0	Smoke Developed Index (0-10) 2

### Daily Solar Heat Gain



Technical Data: SelectoLite™	
Sheet Thickness (A)	16mm
Colour	Clear outside, opal non-glare inside
Thermal Coefficient (U factor ASTM-C236)	3.0W/m² °C / 2.3W/m² °C
Thermal expansion	2.5mm/m
Light transmission	32% (ASTM D1003) 90° to surface
Reflectivity	More than 40%, 90° to surface

Belle Design Skylights are select tested to AS 4285-1995

### Custom Moulded and Fabricated Plastics

- design and construct
- qualified, experienced tradesmen
- full installation or supply only
- commercial and domestic projects
- to architect's, builder's & roofer's specs
- custom made and standard sizes
- barrel vaults, canopies, Longlites
- double and single glazed
- glass skylights & overhead glazing
- circular skylights
- roof access hatches



**DESIGN AND MANUFACTURING**

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BELLE DESIGN - Specialising in natural daylight systems

