

Solarbright 550DL Daylighting System

Product Specifications

Dome Assembly:

- Industrial, 100% high impact clear acrylic dome with UV stabilisation, 5.6mm thick, non-yellowing, CC2 light transmitting plastic material.
- Dome mounted and seal locked onto a 2mm thick aluminium dome ring and has a dust seal around inner rim to prevent dust and bugs.
- Industrial 100% high impact acrylic prismatic inner disk insert into dome assembly to reduce thermal heat transfer and diffuse light.

Roof Flashing:

- a variety of non-corrosive flashings, leak proof designed to suit tile, colorbond and other metal roof profiles.
- Supports dome and top tube elbow as per manufacturers design.
- Flashings can be colour matched to tile and colorbond roof colours.

Reflective Tubing:

- 'Mirosilver' aluminium 0.5mm thick 98% reflectivity, resistant to moisture, corrosion and extreme temperatures.
- Tubing is anodised for high protection from prolonged sun exposure and is not laminated.

Square transition kit:

- Square transition box from round tube to square 605mm x 605mm ceiling diffuser to suit suspended grid or gyprock ceilings. Box is aluminium and is powder coated white.
- Square ceiling frame is aluminium and powder coated white. The frame holds the diffuser in place. Note: Frame can be unclipped and swung open from transition box if necessary to access inside skylight.

Aurora Diffuser:

- Diffuser is triple layered to give optimum thermal performance (see Energy Rating data below).
- Bottom Aurora diffuser at ceiling level is Fresnel lens designed for maximum light output.
- Inner and top lenses are clear high impact acrylic UV stabilised, non yellowing, light transmitting plastic material.

Australian Standard: The K-550DL has been tested by a NATA approved laboratory and passes the requirements of AS4825-2007.

Energy Rating: The Solarbright 550DL daylighting system has been performance tested by the NFRC and meets SHGC and U-Value requirements set out in the Building Code of Australia in tables 3.12.1.2 and J1.4.