SolaBrite

Refer to product table below for applicable product codes covered by this document

Issue **A**

Product Type & Application

Bradford Ventilation SolaBrite is a tubular skylight designed to bring natural light to a living space via flexible foil ducting in residential buildings in non-cyclonic areas.

Compliance with the NCC

When correctly specified and installed, this tubular skylight meets the requirement of;
- NCC2019 Volume 2 Roof and Wall Cladding Section 3.5.2.3 (b) via Deemed-to-Satisfy (DtS) and performance solution pathways.
- NCC2022 Housing Provisions Standard – Roof and Wall Cladding Section 7.3.3 (3) via Deemed-to-Satisfy (DtS) and performance solution pathways.

Evidence of Suitability

- ARCADIS Weatherproofing Performance Solution Report (30051677-4).

Conditions of Storage, Use & Maintenance

- Store in the original packaging in a cool and dry area.
- The diffuser must be cleaned regularly to ensure maximum amount of light entering the living space.
- Do not attempt to repair – contact Bradford Ventilation for service advice.

Refer to the product warranty at bradfordventilation.com.au for more information.

Limitations of Use

- IMPORTANT - Do Not Modify This Product: Performance and safety are only achieved by the product or configuration listed in this PTS.
- The SolaBrite is designed for Class 1 and Class 10a building roofs in non-cyclonic regions.
- Do not use for exhausting hazardous, abrasive, acidic and alkaline vapour or areas containing explosive or corrosive materials.
- This product is not suitable for use in Bush Fire BAL-12.5 to BAL-40 or FZ rated areas.
- The product is only suitable for roof pitches 5° to 35°.

Specific Design or Installation Instructions

- This product requires specific areas to be sealed against water entry and other areas to be left unsealed to allow internal condensation drainage – refer to the installation guide for details.
- For optimal performance install SolarBrite on the northern side of the roof, in a location with clear sunlight that is not shaded.
- Incoming light levels may be reduced when the product is installed with an orientation away from north and with an elevation outside 20°-35° roof pitch.
- The flexible tubing is most effective in reflecting light when fixed in a straight line but it can be bent to reach difficult areas - note that more bends in the tube will progressively reduce the proportion of reflected light.
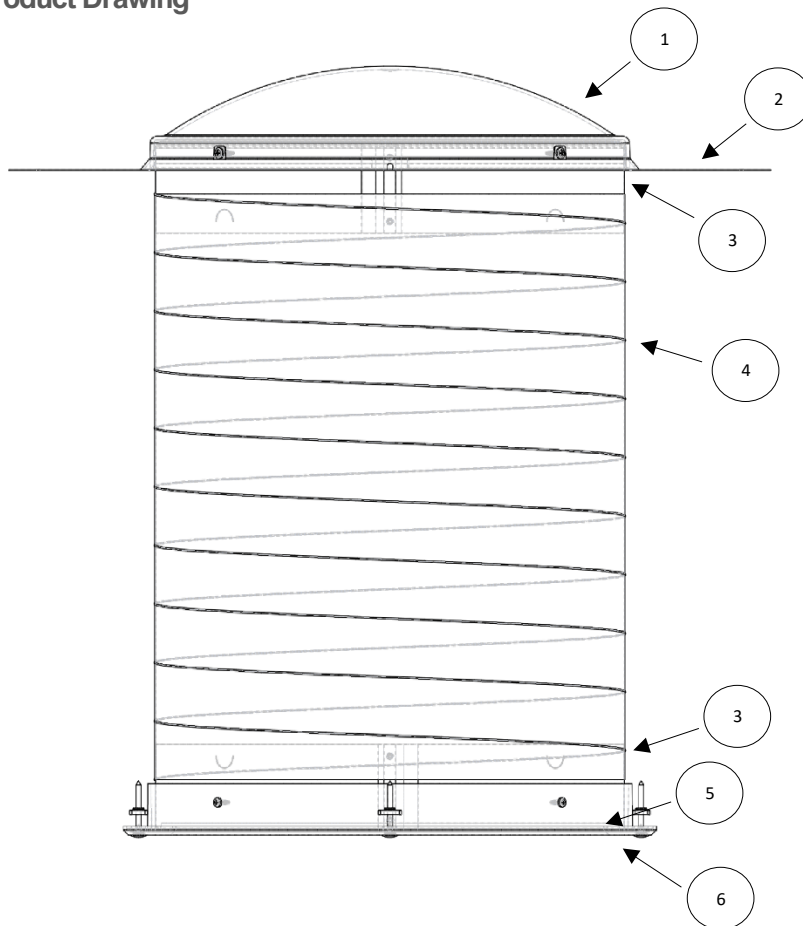- Installation must be in accordance with the SolaBrite Installation Instruction.

For general installation guidance refer to the product installation guide at www.bradfordventilation.com.au

Product Technical Statements are referenced as suitable documentary evidence to support the use of a product for a Performance Requirement or a Deemed-to-Satisfy Provision of the BCA under Part A5.2(1)(f).

Document Reference: SolaBrite_Bradford Ventilation_PTS537_A

SolaBrite

Applicable Product Codes (SKU)

SAP Code	Product Description
61424	SolaBrite 300mm
61425	SolaBrite 400mm

Product Drawing

Product Specification

No.	Item Description	SolaBrite 300mm	SolaBrite 400mm
1	Roof Dome	Clear – High impact acrylic	
2	Roof Flashing	500 x 500 x 0.7mm Aluminium flashing	750 x 650 x 0.7mm Aluminium flashing
3	Reflective Ring	0.5mm Anodised aluminium	
4	Reflective Flexible Tubing	300mm diameter reflective spiral tubing	400mm diameter reflective spiral tubing
5	Light Diffuser	3mm clear acrylic diffuser	
6	Ceiling Frame	White – ABS.	

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