



### PRODUCT DESCRIPTION

Tubular daylighting device to transfer daylight into any small space combined with roof mounted fan system to provide mechanical extract ventilation. Single ceiling fixture.

### KEY BENEFITS

- Clear ceilings: Compact ceiling fixture delivering natural light and ventilation plus option to add electric light fitting.
- Quieter operation: Remote mounted fan so the noise and vibrations aren't right there in the space as for 160DSV-IL.
- Brighter spaces: Solatube brings light and ventilation into internal or dark spaces.

### APPLICATIONS

*This system is suitable, but not limited to the following areas:*

- Dark spaces
- Ventilation
- Bathrooms
- Water closets
- Internal rooms requiring extract
- Laundry
- Multilevel
- Extract
- New builds and retrofit

### PRODUCT COMPLIANCE

- B2, E2, F2, G4, G7 and H1
- AS 4285
- ISO 9001
- BRANZ 665

### ACCESSORIES



LED light kit



Ventilation grille (standard)



Solar daylight dimmer  
0-10V dimmer



0-90 degree bend



Effect lenses (natural, warming, softening) and thermal panel



A variety of additional diffusers

### SPECIFICATIONS

Room Size:	~5m <sup>2</sup> (indicative only)
Recommended Maximum Tube Run:	6m daylight tube 3m air duct
Diameter:	250mm daylight tube 150mm air duct
Recommended Maximum Ceiling Height:	< 3m
Minimum Roof Space:	350mm
R Value (NFRC):	0.35 - 0.48* *with thermal insulation panel
Visual Transmittance:	0.51 - with natural effect lens
SHGC (Solar Heat Gain Coefficient):	0.23 SHGC
Wind Zone:	Very high
Flashing Available:	5-45deg (proprietary flashing or tray) & <5deg (tray or curb mount)
Dome Technology:	UV and impact resistant Impact modified acrylic blend Raybender 3000 Light tracker reflector
Tube Technology:	Spectralight infinity tubing
Reflectance:	99.7%
Airflow:	>42 L/s
Power Input:	46.1W
Sound Rating:	<45dB at 0.5m

## LIMITATIONS

- Requires access to the roof.
- Tube length should be no longer than 6m.
- Where a sloping ceiling exists, Hometech to be engaged prior to ceiling lining for sloped ceiling.
- Air duct run longer than 3m require sign off.
- Sufficient exhaust air pathways should be supplied, requirements vary based on air tightness.

## INSTALLATION TO BE CARRIED OUT BY AUTHORISED HOMETECH INSTALLER

- Roof mounted system installed with proprietary Hometech roof flashing (BRANZ Appraisal 665) and vent cap.
- Ceiling diffuser to be located on outside edge of shower enclosure. With a shower over bath the diffuser will be located in the centre of the bath.
- Fire protection available that is compliant with AS/NZS 15304.4:2014.
- Safe working at height practices to be followed.

## WARRANTY (SEE WARRANTY DETAILS FOR MORE INFORMATION)

- 10 Years LEAK PROOF GUARANTEE
- 10 Years for materials and workmanship
- 5 Years for accessories
- 2 Years for fan motor

## CAD DRAWING (FURTHER VARIATIONS AVAILABLE ON THE WEBSITE)

