

NEW
SkyTunnel XL²

Residential
Tubular
Daylighting
Devices



NEW

SkyTunnel

XL²

The Sky's the Limit!

Sky Tunnel XL² is the result of continuous Research & Development on an Australian daylighting system that has been daylighting the world for more than 20 Years!



Introducing clear and comfortable daylight has never been easier. Natural daylight ensures that the people working or living in the indoor environment are happier, healthier and more comfortable.

By making an environmental choice and utilising the renewable energy of the sun, you will be helping to reduce the consumption of our environments precious resources, reducing CO² emissions and saving money at the same time.

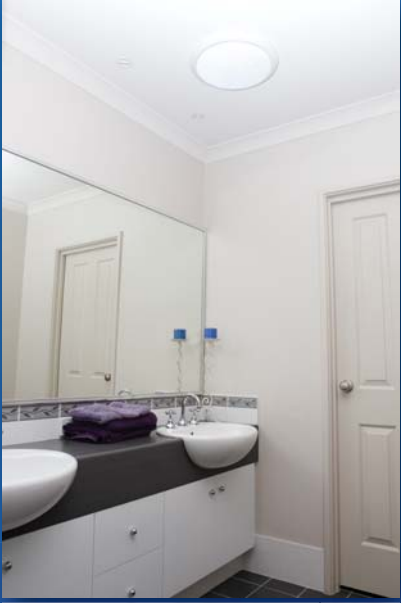
Available in 3 sizes, 343mm, 457mm & 535mm diameters, there is a size to suit any application. Sky Tunnel™ sizes offer more actual light area than a typical 350mm, 450mm or 550mm tubular skylight available on the market. A little extra light, can go a long way!

SG Eco Industries the manufacturer of the Sky Tunnel™ does not compromise on quality, design, materials or structural integrity. Adhering strictly to the structural requirements set out by both the Australian Standard AS4285 and the British Board of Agrément. Raw materials are sourced from all over the globe to ensure only the best quality materials are incorporated into the Sky Tunnel™ product.

Tested by time and with 20 years of Research & Development, Sky Tunnel™ is designed to withstand the rigors of use in ALL buildings and is supported by an industry leading "20 YEAR WARRANTY" on the base flashing and a 15 year warranty on all other components under normal environmental operating conditions. Sky Tunnel also comes with a guarantee of "NO LEAKS" if installed in accordance with the manufacturer's installation instructions. Individual distributors/installers will warranty their workmanship for a minimum of 1 year.

NEW SkyTunnel XL²

RESIDENTIAL APPLICATIONS



Suitable for domestic applications such as Bedrooms, Bathrooms, Entrances, Kitchens, Family/Meals areas, Hallways.....

10 REASONS WHY YOU NEED SKY TUNNEL™

-  No Lighting Blackouts
-  Fast Return on Investment
-  No Heat Load on Building
-  100% Color Rendition
-  Industry Leading Product Warranty
-  No Running Costs
-  Guaranteed NO Leaks
-  Environmentally Friendly
-  Very Low Maintenance
-  Improves Occupants Comfort

NEW Sky Tunnel XL²

IMPROVED PRODUCT = EVEN BETTER PERFORMANCE WITH MORE ACCESSORIES!

With over 20 years of Research & Development the NEW Sky Tunnel™ is delivering Free Natural Light to happy customers all over the world. The New Model "XL²" provides easy installation and our sub- distributors and installers do not want to install any other product but the Sky Tunnel XL²!

Sky Tunnel™ XL² is the perfect DIY product and comes in 3 boxes – Roof Parts to suit any roof type, Attic parts and Ceiling parts.

The roof parts are fully assembled and ready to go! The dome is already screwed on and the tabs are installed.

The attic parts are also ready to go, the Flexi-tube has already been taped to the Upper Reflective Ring. Twist it onto the roof parts, and your Sky Tunnel™ is ready to go up on the roof!



Ventilation is provided at no extra charge if required! The vent tabs are easier to change, no need to remove the dome to switch between vented and non vented.

A double glazed ceiling diffuser is a standard feature, not an optional extra. This provides a more energy efficient unit in all climates.

The double glazed ceiling diffuser is held in place by "super strong" rare earth magnets sticking to other "rare earth" magnets in the ceiling frame. The double glazed diffuser also includes a foam seal already installed to maximise performance and energy efficiency.

NEW
Sky Tunnel XL²

SUITS ALL ROOF TYPES



TILE



CUSTOM ORB (CGI)

*** OTHER PROFILES AVAILABLE**

Rigid98 Tube

Sky Tunnel™ Rigid98 Tubing is fabricated from Miro-Silver, a premium quality aluminium product manufactured by ALANOD in Germany. MIRO - SILVER® the next generation, has a total reflectivity of 98%. MIRO-SILVER delivers high efficiency luminance with little light transmission loss and the light stays completely white with no colour spectrum shift - even after numerous reflections. It is also extremely durable and will not fade or lose reflectivity.



Flexi-Tube™

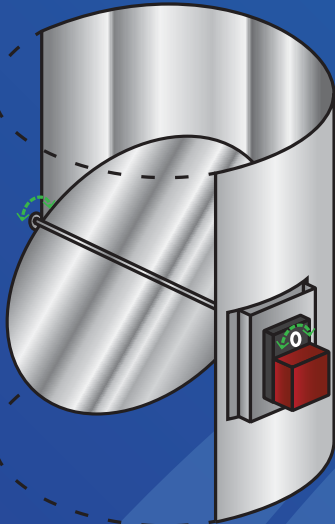
Flexi-tube™ is a tubing system that can be used in certain applications up to 3m in length. With up to 86% reflectivity, Flexi-tube™ is a cost effective alternative to Rigid98 Tube providing adequate light when applied in suitable applications. Installation of a Sky Tunnel™ with Flexi-tube™ is very easy as the flexibility allows the installation of the Roof Parts and Ceiling Parts to be off centre, so avoiding obstructions in the attic space is simple. Manufactured from the highest quality local and imported materials, you can be sure that the Flexi-tube™ will stand the test of time. After all, it already has for 20 years!



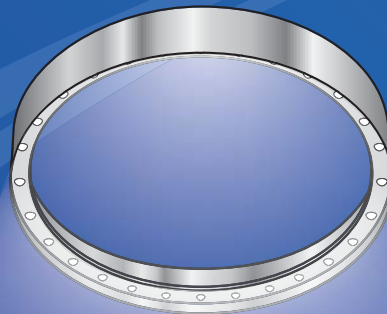
Diameter of Sky Tunnel™	Approximate Illumination Area*	
	Rigid98 Tube	Flexi-Tube™
343mm (13.5")	4m x 4m or 16m ² (13' x 13')	3m x 3m or 9m ² (10' x 10')
457mm (18")	5m x 5m or 25m ² (16' x 16')	4m x 4m or 16m ² (13' x 13')
535mm (21")	6m x 6m or 36m ² (20' x 20')	5m x 5m or 25m ² (16' x 16')

*using up to 3m (10') of tube length HOWEVER illumination area can be impacted by many factors. Please refer to Frequently Asked Questions #1. Hence the figures stated above are an average which will vary with each installations circumstance.

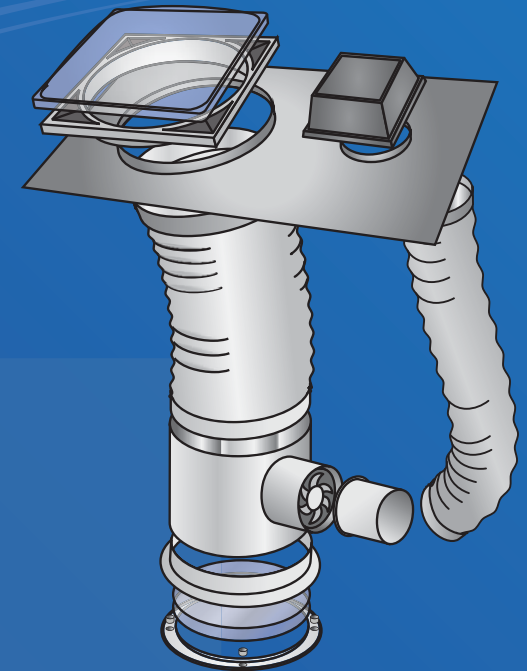
NEW Sky Tunnel XL² ACCESSORIES



VARI-LIGHT



ELECTRIC LIGHT



POWER KIT

The Multiple Accessory Remote Control System (MARCS) will operate the following accessories:

1. Vari-light

A single flap damper system allowing full control of the amount of daylight entering the room. 3 buttons on the remote - OPEN, CLOSE & STOP give you the option of setting the exact amount of daylight you want.

2. Electric Light

LED lighting system that can be installed inside the Sky Tunnel for night time use. Two buttons for the light - ON & OFF.

3. Power Kit - Exhaust Fan

Designed for use in bathrooms, toilets etc. allowing for the extraction of air from the room through the Sky Tunnel system. Two buttons on the remote for the fan - ON & OFF.

The system uses a "Learning" type remote allowing single or multiple units to be controlled by the one handheld remote control - the choice is yours.



FREQUENTLY ASKED QUESTIONS

1. How much extra light will a Sky Tunnel™ give me?

There is no standard answer because of the variables that affect the performance of any skylight. Like time of year, time of day, throat size, length of shaft, dome orientation on the roof, room size, wall colours and general decor. Plus general weather & ambient light conditions always effect the end result.

Our many years of experience has taught us that an assessment of these variables, and your needs, is the most effective way that we can ensure that you get the natural light you're looking for. Your local Sky Tunnel dealer will be able to help you.

2. Does heat come through a Sky Tunnel™ ?

Minimal heat will enter through the Sky Tunnel™, as the unit is double glazed at ceiling level. It also has the dome at roof level, reducing heat transmittance, and none of the tubing components hold heat. Therefore there will be no additional heat load on the building. In fact compared to electrical lighting, or traditional skylights, the temperatures are significantly lower.

3. Will my Sky Tunnel™ leak?

No. The Sky Tunnel™ is watertight and guaranteed against leaking. Your distributor/ installer will guarantee the the installation against any leaking. As part of the testing for Australian Standard AS4285, the Sky Tunnel™ was subjected to winds of 16 metres per second and water spray of 3 litres per second. Any water penetration is a failure. Sky Tunnel™ passed this and all other tests in AS4285.

4. What Warranty will my Sky Tunnel™ have?

The Sky Tunnel™ includes an industry first “20 YEAR WARRANTY” on the base flashing and a 15 year warranty on all other components under normal environmental operating conditions.

5. Where is the Technology from? And where is the Sky Tunnel™ made?

The first version of the Sky Tunnel™ was invented in Australia in 1991, and sold under the name Sola Skylights. It was sold throughout the USA as Sun Tunnel, and the UK as Sky Tunnel™. Since 2007 the product has been sold worldwide as Sky Tunnel™. Originally manufactured in Australia, the tooling and machinery was transferred to the Philippines in June 2008. All manufacturing is now done by SG Eco Industries, at a factory in the Clark Freeport Zone, Pampanga.

6. How strong is the Dome?

The standard acrylic dome on the Sky Tunnel™ was live load tested to 120kg as per Australian Standard AS4285.

7. How important is the tubing material?

Very important as it transmits the outside light into your room. Key factors are the open area of the tubing, the length of the tubing, and that the tubing should be “shiny” and, in the case of a flexible tube, quite taunt. Our Rigid system uses Alanod Miro Silver with a total reflection of 98%. Using inferior products will dramatically reduce the efficiency of the Sky Tunnel™.

8. Does my interior colour scheme affect the performance of my Sky Tunnel™?

Yes it does. Light bright colours will tend to reflect daylight around the room while dark colours will tend to absorb daylight. Adjusting the size or quantity of Sky Tunnel™ XL² installed will help solve this problem.

9. What is the maximum length of tubing?

For Flexi-tube we recommend a maximum of 3m, which covers over 95% of residential applications and some commercial applications. Any longer than this, we recommend using the Rigid98 Tubing system. This can be used effectively over 6m in length, however the longer the tubing, the less light transmittance. Other factors can impact upon light transmittance and need consideration when determining the best Sky Tunnel™ XL² configuration for optimum performance. For more information look on the Attic Parts page of this brochure.

10. Can I turn off my Sky Tunnel™ ?

Yes. If you install the Vari-light, the Sky Tunnel™ can be opened & closed as required.

11. Can a Sky Tunnel™ be used on a multi-storey building?

Yes. As long as the space above the Sky Tunnel™ is clear so the tubing can run as straight as possible. Normally a void, such as a cupboard is placed above the Sky Tunnel so the tubing is not visible in the room it is running through.

The roof components should always be installed on a roof, placing them on a vertical wall is not recommended, as the light performance will not be adequate.

12. Can I have ventilation with my Sky Tunnel™?

Yes. The standard Sky Tunnel™ has the option of passive ventilation utilising our Interchangeable Vent System. For extra ventilation, you can install the Power Kit - Exhaust Fan.

13. Is security an issue with the Sky Tunnel™?

Our experience has shown us that the Sky Tunnel™ is not used as a method of entering a secure building. When required, we can advise several options which can be added to the Sky Tunnel to increase security.

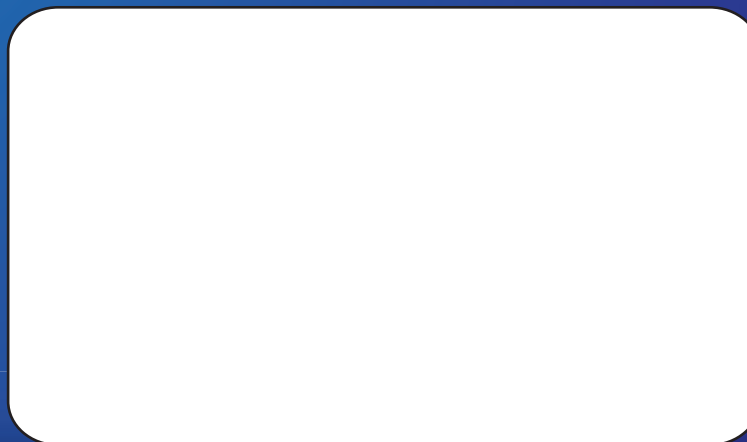


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Contact your local Distributor:



DISTRIBUTED IN AUSTRALIA BY:

CALIDAD Industries

Energy Efficiency Solutions

Unit 1 / 40 Inspiration Drive,
Wangara, 6065, Western Australia.

Ph: (08) 9302 6622 **Fx:** (08) 9302 6007

Email: sales@calidad.net.au

Web: www.calidad.net.au

