Skylights

Product Brochure

BUILT FOR AUSTRALIA

![keylite logo]

CONTENTS

10 Year
SKYLIGHT
WARRANTY

All Keylite Skylights come with a 10 Year Warranty

Terms & Conditions apply. Full terms available at: keyliteskylights.com.au/general/terms/

✓ **Australian Standards**
AS4285 / AS1288 / AS3959

BUILT FOR AUSTRALIA

THE BEST IN EUROPEAN SKYLIGHTS, NOW BUILT FOR AUSTRALIA

Energy Efficient Natural Lighting

As a leader in the skylight industry in Europe, at Keylite we know that choosing the right skylight will have a major impact on comfort and energy efficiency in your home.

Keylite now offer a range of high performance skylights and accessories specifically designed to suit Australia's harsh climate.

Our next generation skylight range is designed and certified for extreme Australian conditions and incorporates the latest in Keylite's unique performance boosting technologies.

Keylite's high performance skylights are designed to let you enjoy the benefits of one of our greatest natural resources – sunlight.

Built and tested to withstand the extremes of the Australian climate, our skylights provide energy efficient natural lighting and ventilation across all seasons.

Australian Standards
AS4285 / AS1288 / AS3959

keylite®

HEAT

COLD

WIND

RAIN

NOISE

FIRE

KILL THE
HEAT
NOT THE
DAYLIGHT

Glazing Performance

UV	Transmittance	tuv	0.01
Light	Transmittance	tv	0.50
Energy	Solar Heat Gain Coefficient (SHGC)	g	0.24
Thermal Properties	Thermal Conductance (U-Value) [W/(m².K)]	Ug	1.00
Sound	Noice Reduction Factor	dB	36.00

Australian Standards
AS4285 / AS1288 / AS3959

High Performance Features

Keylite's high performance double glazing incorporates an Argon gas filled void and Low E coating to let the maximum light in while blocking 80% of external heat, preventing its transfer through the glass into your home, providing year round comfort.

UV

80%
Heat Block
Boosts comfort and energy efficiency.

99%
UV Protection
Protects your home furnishings from fading.

36db
Noise Barrier
Reduces intrusive noise by 36db.

Self-Clean
Coating
Reduces the need for cleaning and prevents water spotting.

Key Features

- Warm Edge Spacer
1. Self Clean Coating
2. 4mm Toughened Outer Pane
3. Low E Coating
4. 6.38mm Laminated Inner Pane
- 18mm Argon Gas Filled Cavity
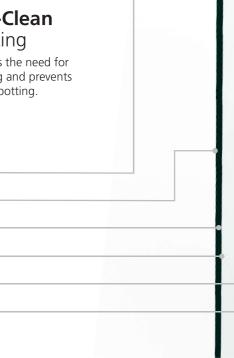
BUILT FOR AUSTRALIA

DESIGNED FOR
EFFICIENCY

Keylite Skylights are designed to maximise energy efficiency in both summer and winter - helping you control heating, cooling, lighting and ventilation costs.

Summer ☀

- Skylight glazing blocks 80% of heat transfer.

- Built in thermal collar increases protection against heat gain.

- Opening skylights provide ventilation and the ability to remove heat.

- Thermal blind option gives added heat block.

Winter ❄

- Glazing U-Value 1.0 W/(m².K).

- Excellent glazing insulation reduces heat loss.

- Warm edge spacer increases energy efficiency.

- Built in thermal collar reduces heat loss.
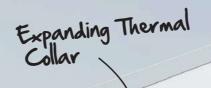
- Level 4 air tightness rating (AS4055).

EXCELLENT U-VALUE
1.0
W/(m².K)
GLAZING UNIT

Expanding Thermal Collar

Our unique expanding thermal collar is built into the frame of every Keylite skylight and roof window. The collar expands to fill the gap between the frame and the roof timbers, providing an effective insulation barrier against heat loss or gain, depending on the season.

The collar is easily activated by the installer following installation by simply pulling the release tapes which causes the foam collar to expand within the gap for superior installation.

Expanding Thermal Collar

Pull Tab

Weatherproof Aluminium Cappings

Warm Edge Spacer

Flyscreen

BUILT FOR AUSTRALIA

FAST EASY
FITTING

Our Flick-Fit brackets are pre-fitted to our skylights and windows, making them fast and easy to secure into the prepared roof opening.

Further unique Keylite innovations will assist you to complete the subsequent flashing and installation process.

1. Flick the pre-fitted brackets at the bottom of the window into place, selecting the setting for the roof tile.

2. Position the window in the prepared roof opening, resting the Flick-Fit brackets on the bottom batten. A projecting spur on the bracket ensures the window is set at the correct distance.

3. Pivot the window through the roof opening and **flick** the top brackets into place, selecting the setting for the roof tile. Secure the window with screws provided.

EASY FIT

BUILT FOR AUSTRALIA

PRODUCT RANGE

Everyone enjoys a clear view of the sky from inside their home but not every skylight offers the same level of protection against the discomfort of excessive heat gain.

Keylite however has practical natural lighting solutions with 80% heat blocking properties for comfortable living in every room.
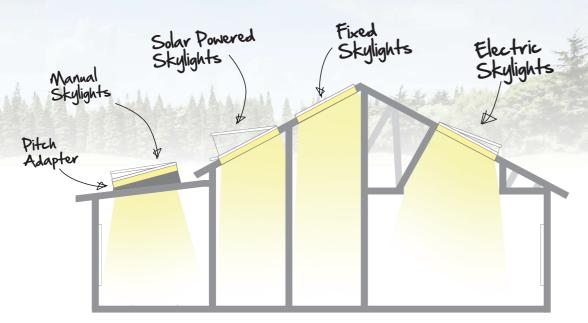
Keylite's skylight glazing also gives excellent protection from damaging UV radiation which causes furnishings to fade, plus it acts as an acoustic barrier insulating your home against intrusive external noise.

By utilizing the latest in materials and manufacturing technology we lock in lasting performance and give a 10 year warranty on our skylights.

Our high performance roof windows come in a wide range of standard sizes and can be either fixed or opening units.

With Keylite opening roof windows, manual, electric or solar powered options are available across the range.

All Keylite roof windows come with a standard tile roof flashing supplied with each unit.

Solar Powered Skylights

Fixed Skylights

Electric Skylights

Manual Skylights

Pitch Adapter

Fixed Skylights	**Manual Skylights**	**Electric Skylights**	**Solar Skylights**
Natural daylight with Low-E glazing.	Manual handle winder or rod control operation.	Remote control of daylight & ventilation.	Remote control of daylight & ventilation.
See Page 13	See Page 14	See Page 15	See Page 16

Fixed Skylight
SKF

15-90°   10 Year Warranty

See the sky and experience natural daylight in your home with a fixed skylight.

The Low-E glazing provides 80% heat block for comfort and protection against UV fading of furnishings.

Features

- Fixed skylight.
- Bright white interior finish, painted timber frame.
- Weather proof, grey exterior aluminium capping.
- Heat blocking Low-E, laminated double glazing as standard.

- Energy efficient glazing and unique thermal collar.
- Flick-fit brackets for easy installation
- Streamlined low profile appearance in the roof.
- Flashing included for tile.

NATURAL DAYLIGHT WITH LOW-E GLAZING

EXCELLENT U-VALUE **1.0** W/(m².K) GLAZING UNIT
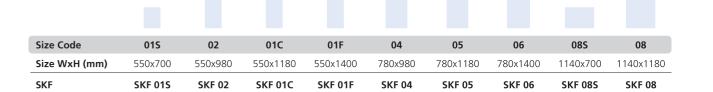
- Standard tile roof flashing included as standard.

- Expanding Thermal Collar included as standard.

Blind Option

- Solar powered blinds range.

EASY FIT

Australian Standards
AS4285 / AS1288 / AS3959

Size Code	01S	02	01C	01F	04	05	06	08S	08
Size WxH (mm)	550x700	550x980	550x1180	550x1400	780x980	780x1180	780x1400	1140x700	1140x1180
SKF	SKF 01S	SKF 02	SKF 01C	SKF 01F	SKF 04	SKF 05	SKF 06	SKF 08S	SKF 08

BUILT FOR AUSTRALIA

Manual Skylight
SKM

15-90° | **10** Year Warranty

See the sky and experience natural daylight and ventilation in your home with the manual opening skylight. The Low-E glazing provides 80% heat block for comfort and protection against UV fading of furnishings.

Features

- Bright white interior finish, painted timber frame and sash.
- Weather proof, grey exterior aluminium capping.
- Window opened manually by winding handle.
- Heat blocking Low-E, laminated double glazing as standard.
- Energy efficient glazing and unique thermal collar.

- Flick-fit brackets for easy installation.
- Streamlined low profile appearance in the roof.
- Flashing included for tile.
- Removable Flyscreen as standard.

MAXIMISE DAYLIGHT & NATURAL VENTILATION

EXCELLENT U-VALUE 1.0 W/(m².K) GLAZING UNIT

Control Options

- Winding Handle (within reach).
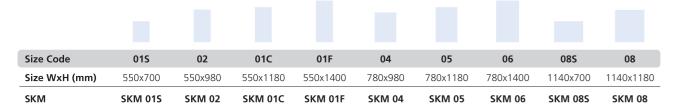
- Short extension rod – 70cm.

- Telescopic rod – Extends from 170cm – 285cm.

Blind Option

- Solar powered blinds range.
- Stainless steel mesh for areas prone to bush fires.

EASY FIT

✓ **Australian Standards** AS4285 / AS1288 / AS3959

Size Code	01S	02	01C	01F	04	05	06	08S	08
Size WxH (mm)	550x700	550x980	550x1180	550x1400	780x980	780x1180	780x1400	1140x700	1140x1180
SKM	SKM 01S	SKM 02	SKM 01C	SKM 01F	SKM 04	SKM 05	SKM 06	SKM 08S	SKM 08

Electric Skylight
SKE

15-90° | **10** Year Warranty

See the sky and gain fingertip control of natural daylight and ventilation with an electric powered skylight.

The Low-E glazing provides 80% heat block for comfort and protection against UV fading in your home.

Features

- Hand held remote control for the skylight's opening.
- Rain sensor closes the skylight automatically.
- Bright white interior finish, painted timber frame and sash.
- Weather proof, grey exterior aluminium capping.
- Heat blocking Low-E, laminated double glazing as standard.

- Energy efficient glazing and unique thermal collar.
- Flick-fit brackets for easy installation.
- Streamlined low profile appearance in the roof.
- Flashing included for tile.
- Removable Flyscreen as standard.
- 8 meter lead (supplied) plugs into power point.

REMOTE CONTROL OF DAYLIGHT & VENTILATION

EXCELLENT U-VALUE 1.0 W/(m².K) GLAZING UNIT

Remote Control System

- Programmable remote can control a single or multiple skylights.

Blind Option

- Solar powered blinds range.
- Stainless steel mesh for areas prone to bush fires.

EASY FIT

✓ **Australian Standards** AS4285 / AS1288 / AS3959

Size Code	01S	02	01C	01F	04	05	06	08S	08
Size WxH (mm)	550x700	550x980	550x1180	550x1400	780x980	780x1180	780x1400	1140x700	1140x1180
SKE	SKE 01S	SKE 02	SKE 01C	SKE 01F	SKE 04	SKE 05	SKE 06	SKE 08S	SKE 08

BUILT FOR AUSTRALIA

Solar Skylight
SKS

15-90° | 10 Year Warranty |

The most advanced skylights in the Keylite range. Our solar powered skylights deliver push button remote control operation using the power of the sun. The built in solar panel powers an integrated battery enabling around the clock operation of our solar skylights.

Features

- Hand held remote control for the skylight's opening.
- Rain sensor closes the skylight automatically.
- Inbuilt solar panel and battery.
- Bright white interior finish, painted timber frame and sash.
- Weather proof, grey exterior aluminium capping.
- Energy efficient glazing and unique thermal collar.

- Flick-fit brackets for easy installation.
- Streamlined low profile appearance in the roof.
- Flashing included for tile.
- Removable Flyscreen as standard.

MAXIMISE DAYLIGHT & NATURAL VENTILATION

EXCELLENT U-VALUE **1.0** W/(m².K) GLAZING UNIT

Remote Control System

- Programmable remote can control a single or multiple skylights.

Blind Option

- Solar powered blinds range.
- Stainless steel mesh for areas prone to bush fires.

EASY FIT

☑ **Australian Standards** AS4285 / AS1288 / AS3959

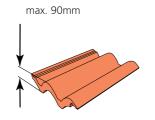| Size Code	01S	02	01C	01F	04	05	06	08S	08
Size WxH (mm)	550x700	550x980	550x1180	550x1400	780x980	780x1180	780x1400	1140x700	1140x1180
SKS	SKS 01S	SKS 02	SKS 01C	SKS 01F	SKS 04	SKS 05	SKS 06	SKS 08S	SKS 08

Skylight Flashings & Accessories

Keylite Flashing Kits are the most efficient way to ensure a watertight installation for your windows and have been designed to integrate efficiently with specific roofing materials.

The installer friendly instructions ensure easy first time fitting. The unique one-piece bottom apron design improves aesthetic finish and allows for easy installation.

Deep Tile: ATRF

- **Roof Pitch 15° – 90°**
- **Material Profile – Max 90mm**
- Flashing for single window installation into flat or profiled interlocking tiles. Also suitable for interlocking slate and profiled sheeting.

max. 90mm

Corrugated Roof: KBC

- **Roof Pitch 0° – 90°**
- Flashing for single window installation into profiled metal sheeting.
- Flashing to be installed in conjunction with an appropriate metal upstand.

0-15°   15-90°

Size Code	01S	01	02	01C	01F	04	05	06	08S	08
Size WxH (mm)	550x700	550x780	550x980	550x1180	550x1400	780x980	780x1180	780x1400	1140x700	1140x1180
Deep Tile 90mm Profile	ATRF 01S	ATRF 01	ATRF 02	ATRF 01C	ATRF 01F	ATRF 04	ATRF 05	ATRF 06	ATRF 08S	ATRF 08
Corrugated 90mm Profile		KBC 550					KBC 780		KBC 1140	

- For corrugated, metal deck and concrete roofs, a custom flashing can be provided by your Keylite distributor. For roof pitches above 15 degrees, flashings can be flat.

Accessories

Skylight Control Rod

Manually control your window with a telescopic control rod. The control rod is available in 2m and 3m lengths.

Stainless Steel Mesh

A stainless steel mesh is available for additional protection within areas prone to bush fires.

BUILT FOR AUSTRALIA

SOLAR BLINDS

Let the sun do the work

Powered by the sun free energy

Easy Fitting no wiring, no electrician

Controlled by hand held remote

3 Year Warranty provided with Solar Blinds

Innovative

- Our complete range of blinds are 100% solar powered.

- This innovative feature puts Keylite right at the forefront of blinds technology and is the simple answer to opening and closing blinds in areas difficult to access.

Free Energy

- The solar blind is controlled with a hand held remote control.

- The solar panel is located in the cassette and collects energy from the sun which then provides a trickle charge to the battery.

Easy Install

- The installation process does not involve wiring or tracking the walls for mains electric, for ease of fitting.

- The battery pack, the motor for powering the blind, and the roller for holding the blind fabric are contained in a cassette secured to the top of the window sash.

Solar Blinds
Blackout | Dimout

3 Year Warranty

Features

- Our complete range of blinds are available with remote control solar operation.

- Our solar blinds are ideal for those out of reach positions.

- Roller cover prevents fading of coloured fabrics.

- Available in blackout
- Available in dimout

ESSENTIALS Neutral tones to complement most interior spaces

Classic White	Antique Cream	Fossil Grey	Twilight

DECOR Stylish colours for unique interiors

Pitch Black	Silver Shimmer B50	Hazelwood	Grey Whisper	Green Parrot	Luscious Lime	Fresh Mint
Intense Hazelnut	Muted Mocha	Chocolate Chip	Sandstone	Frosted Stone	Lemon Zest	Daffodil Yellow
Cranberry Crunch	Ruby Fountain	Scooter Red	Burnt Orange	Mango Fusion	Ballet Slipper	
Holiday Blue	Blue Denim	Mineral Blue	Summer Medley	Duck Egg Blue		

AQUA Moisture resistant PVC fabrics

White	Beige	Grey	Black

KIDS Vibrant patterns for fun interiors

Nightfall	Puppy Fun	Kitten Fun	Zoo Time

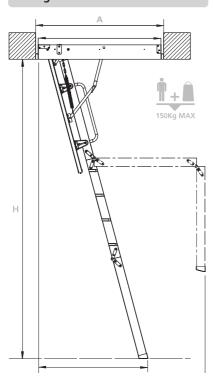**BUILT FOR AUSTRALIA**

Loft Ladders
KYL

The Keylite Loft Ladder is designed to ensure simple, fast installation.

With pre-installed Flick-Fit brackets, allowing installation from below the loft, and with a unique detachable ladder which enables a one-person installation, the Keylite Loft Ladder is designed to make your life easier.
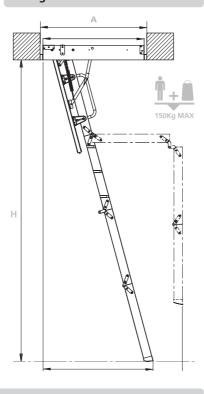
Features

- Flick-Fit installation - Pre-installed brackets for installation from below.
- Continuous seal around trapdoor reduces heat loss.
- Pre-fitted handrail as standard.
- White 36mm thick insulated. trapdoor, with U-Value of 1.1W/(m².K) as standard*
- Unique detachable ladder enables a one person install.
- Recessed locking system.
- Slip-resistant treads.
- Dovetail joints on all treads.
- Scratch resistant protective feet.
- All Keylite loft ladders are draught proof and have obtained the highest air tightness classification possible, Class 4.

3 Segment Loft Ladder

A

H

150Kg MAX

4 Segment Loft Ladder

A

H

150Kg MAX

Quick Fit Features

- The pre-installed Flick-Fit brackets allow for the ladder to be easily held in place when raising it up to the roof opening.
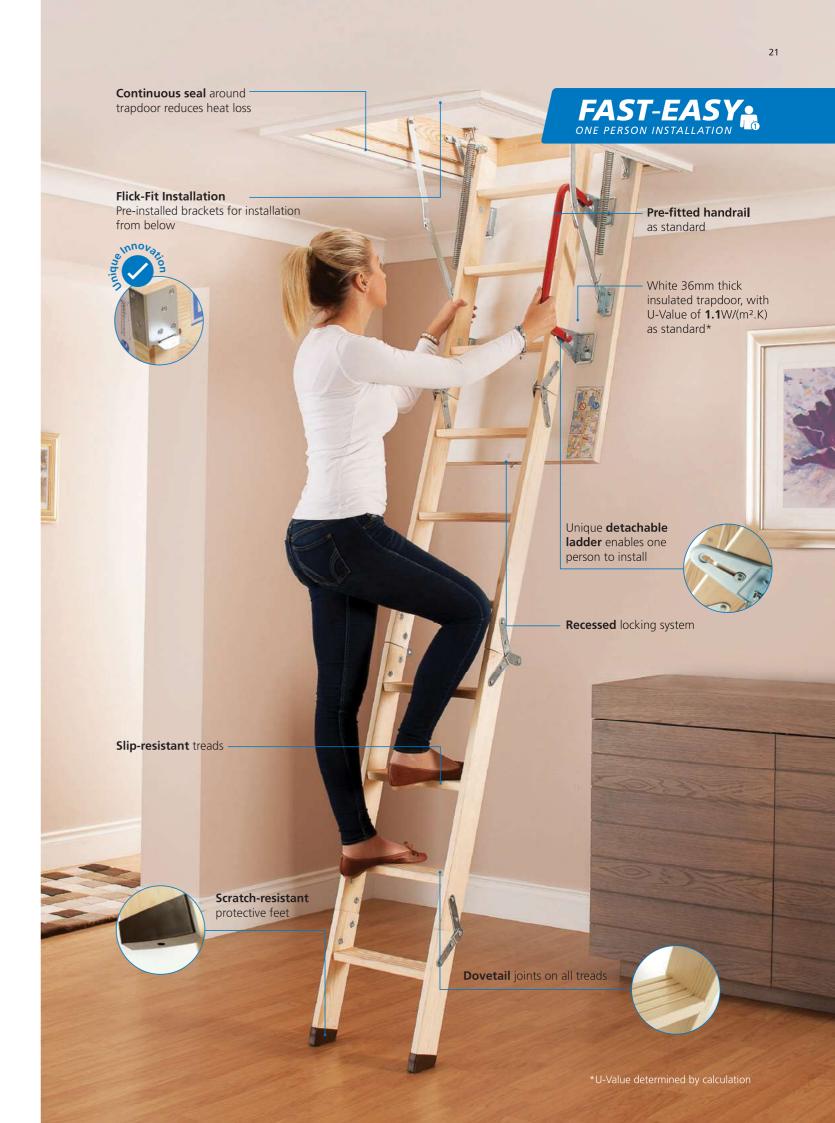
- The detachable ladder design means that the entire installation can be completed by one person.
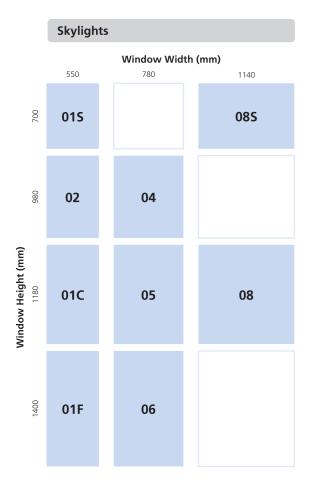
- Scratch-resistant protective feet simply screw on to the bottom of the ladder to prevent any damage to the surface below.

Product Code	KYL 02	KYL 03	KYL 08	KYL 09
A Ceiling opening dimension (mm)	550x1200	550x1200	700x1200	700x1200
Number of ladder sections	3	4	3	4
H (mm)	2800	3200	2800	3200

Continuous seal around trapdoor reduces heat loss

Flick-Fit Installation
Pre-installed brackets for installation from below

Unique Innovation ✓

FAST-EASY
ONE PERSON INSTALLATION

Pre-fitted handrail
as standard

White 36mm thick insulated trapdoor, with U-Value of **1.1**W/(m².K) as standard*

Unique **detachable ladder** enables one person to install

Recessed locking system

Slip-resistant treads

Scratch-resistant protective feet

Dovetail joints on all treads

*U-Value determined by calculation

Size Range

All Keylite Skylights are available in a range of sizes. The matrix below can be used to view which sizes are available for fixed, manual, electric and solar powered skylights.

Skylights

Window Width (mm)

	550	780	1140
700	01S		08S
980	02	04	
1180	01C	05	08
1400	01F	06	

Window Height (mm)

Opening Options

FIXED
SEE PAGE 13

MANUAL
SEE PAGE 14

ELECTRIC
SEE PAGE 15

SOLAR
SEE PAGE 16

☑ Australian Standards

All Keylite Skylights meet the following rigorous Australian Standards:

AS1288
Glass in Buildings

AS4285
Skylights

AS3959
Bushfire Attack Level 40 (BAL 40)

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