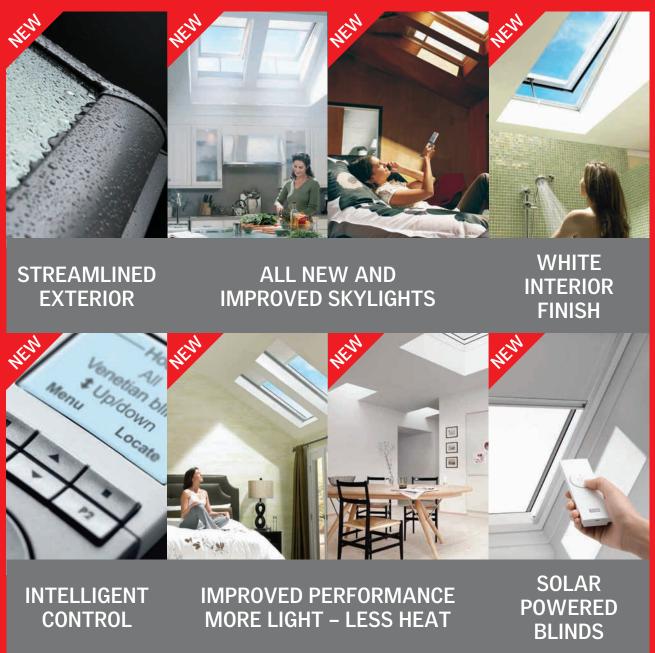


World leading skylights and roof windows

Product information and price list April 2010



NO PRICE C

Perfectly designed to withstand the world's harshest climatic conditions, all VELUX products are of the highest quality and will perform superbly for a lifetime of faultless service.

Take a look through this guide and judge for yourself. For range, quality, value, guarantees, delivery and service – VELUX is a world leader.

Guaranteed to last...

✓ 10 Year Warranty on all skylights and roof windows. **√3 Year Warranty** on accessories, including electric controls.

VELUX skylights and roof windows are included in the National Energy Rating programme (AccuRate) as well as State run programmes such as Basix & FirstRate.

Tested and approved to Australian Standards

When installing VELUX skylights 3m or higher above floor level, 2004 High Performance glazing must be used to comply with Australian Standard AS 1288 (i.e. sloped overhead glazing must be laminated glass).

Surpasses Australian tests for skylights AS4285 SKYLIGHTS OVERHEAD GLAZING Cyclonic & Non-Cyclonic Laminated inner pane† Window Energy Rating Scheme (WERS)

(MAXIMUM 5 ON WERS SUMMER RATING)

Ruilding Code compliance

All VELUX skylights/roof windows (except sun tunnels) are deemed non-combustible and thereby comply with BCA Fire Separation requirements (i.e. suitable for use within 900mm from allotment boundary/separation wall)*.

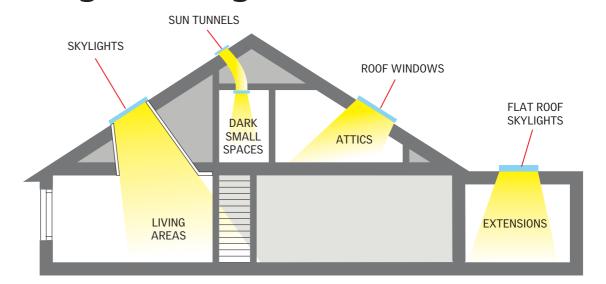
*CSIRO assessment report available on request. VELUX recommends consultation with relevant authority before work commences.

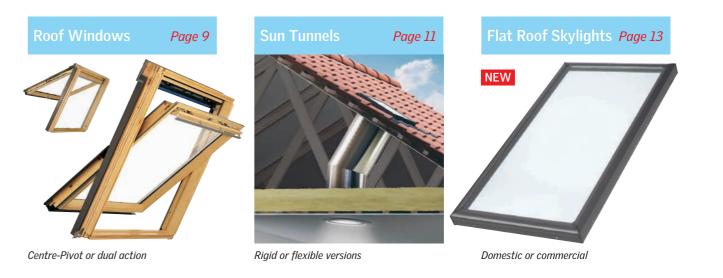
 \dagger 2004 glazing variant





VELUX new generation skylights Letting more light in without the heat





3





VELUX VS

Manually operated top-hung skylights

Provides the comfort and energy savings of free daylight and natural ventilation.

- New white painted interior wood frame and sash, with outer aluminium cappings.
- Operated by base handle, for within reach situations, or by rod for out-of-reach use (to 285cm above head height).
- Flyscreen fitted as standard.
- · Choice of 8 sizes.
- New streamlined exterior smooth low profile sits lower in the roof, does not obstruct the roofline.
- High performance or Comfort double glazing on most sizes.
- Maximum 5 stars on WERS Summer rating.
- Complete with flashings for corrugated iron or tile roofs.
- Improved U-value (2.5 W/m²K S06 size complete skylight).[†]
- Improved Solar Heat Gain co-efficient (0.21 for SO6 size, complete skylight).[†]

Control options

• Window handle for operating within-reach skylights.



Telescopic rod control for out-of-reach situations.
 (145cm in length, extendable up to 285cm.)

Short control rod. 60cm long

Z0Z 032

NEW IMPROVED MODEL

VELUX VSE Electronically operated

top-hung skylights

The ultimate skylight that provides abundant daylight and controllable ventilation.

- New white painted interior wood frame and sash, with outer aluminium cappings.
- Complete with pre-installed electric motor, new control system and rain sensor.
- Simple to install 2 metre lead (supplied) plugs straight into power point.
- New streamlined exterior smooth low profile sits lower in the roof, does not obstruct the roofline.
- Choice of 8 sizes.
- High performance double glazing as standard.
- Flyscreen fitted as standard.
- Maximum 5 stars on WERS Summer rating.
- Complete with flashings for corrugated iron or tile roofs.
- Improved U-value (2.5 W/m²K S06 size complete skylight).[†]
- Improved Solar Heat Gain co-efficient (0.21 for S06 size, complete skylight).[†]

NEW wireless control system

- Self programming radio frequency remote with advanced control options for both skylights and blind operation.
- Externally mounted rain sensor automatically closes the skylight once rain is detected.



NEW

VS Solar Powered Blockout – includes hand-held remote (wall-mounted keypad from June/July 2010).

VS Electric Venetian – requires KLR 100 remote control and KLC 500 multi controller

VSE Electric Blockout – uses VSE remote control

VSE Electric Venetian – uses VSE remote control

• All blinds are available in white. • Now even easier to fit using VELUX *Pick&Click!*™ System.

*For roofs below 15° pitch, skylights need to be raised to 15° and custom flashed. VELUX can assist with technical advice and drawings on this type of installation. †U-value and SHGC data based on AFRC simulations for 2004 glazing.

ZCT 300

SIZES AND PRICES - PAGE 14

32 decibels





VELUX FS

Fixed skylights

Cost effective for creating light-filled rooms where adequate ventilation already exists. Energy efficient glazing and the use of blinds ensures heat transference is minimised.

- New white painted interior wood frame and sash, with outer protective aluminium cappings.
- Flashings for corrugated iron or tile roofs.
- High performance or Comfort double glazing on most sizes.
- New streamlined exterior smooth low profile sits lower in the roof, does not obstruct the roofline.
- Maximum 5 stars on WERS Summer rating.
- Available in 8 sizes.
- Improved U-value, (2.6 W/m²K S06 size complete skylight).[†]
- Improved Solar Heat Gain co-efficient (0.24 for S06 size, complete skylight).†

Blind options -

All tailor-made to fit each size of skylight

NEW FS Manual Blockout – requires rod control for out-of-reach

FS Manual Venetian – requires rod control for out-of-reach

NEW FS Solar Powered Blockout – includes hand-held remote (wall-mounted keypad from June/July 2010).

> FS Electric Venetian - requires KLR 100 remote control and KLC 500 multi controller

- All blinds are available in white.
- Now even easier to fit using VELUX Pick& Click!™ System.

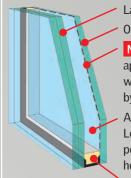
 * For roofs below 15° pitch, skylights need to be raised to 15° and custom flashed. VELUX can assist with technical advice and drawings. †U-value and SHGC data based on AFRC simulations for 2004 glazing.

SIZES AND PRICES - PAGE 14

NEW IMPROVED LOW-E³ COATING

Glazing Options

High performance double glazing (2004)



Laminated inner panes for added safety. Outer pane of toughened safety glass.

NEW improved Low-E³ coating allows approx 10% more light transmittance while further reducing Solar Heat Gain by approx 20%.

Argon filled cavity together with Low-E³ coating increases thermal performance by reducing 80% of heat flow through the pane.

Warm edge technology increases energy efficiency.

Benefits:

2004 glass must be used for skylights installed 3m or more above floor level.

Radiant heat block

80% UV rays block 99%

WERS rating

Noise reduction factor

5 stars Double layer of Low-E³ coating.

• 10 year warranty on insulated glass seal.

Comfort double glazing (2005)



Toughened safety glass.

NEW improved Low-E³ coating allows approx 10% more light transmittance while further reducing Solar Heat Gain by approx 20%.

Argon filled cavity together with Low-E³ coating increases thermal performance by reducing 80% of heat flow through the pane.

Warm edge technology increases energy efficiency.

Benefits:

 Radiant heat block UV rays block

29 decibels

80%

 Noise reduction factor WERS rating

Double layer of Low-E³ coating.

• 10 year warranty on insulated glass seal.

GGL/GHL window pane tint (i.e. colouration) is slightly different to skylight window pane tint.







VELUX GGL

Centre-Pivot roof window

Beautifully engineered for a lifetime of use, the GGL is ideal for in-reach attic situations where furniture can be positioned beneath the window.

- A short pull on the top control bar allows filtered background ventilation even while the window
- A second pull on the control bar allows the window to rotate for maximum ventilation - and up to 180° for cleaning the outer pane from inside the room.
- · Quality lacquered pine sash and frame.
- Complete with outer aluminium cappings and flashings for corrugated iron or tile roofs.
- Available in 4 sizes.
- High performance double glazing as standard.
- Insect screen available as optional extra.

VELUX GHL

Dual action roof window

Developed for use in attics with shallower pitched roofs to maximise roof top views.

- For within-reach situations.
- Opens in two ways: the bottom handle allows for top-hung opening; while a short pull on the top control bar operates the filtered vent flap for background ventilation even while the window is shut. A longer pull allows the sash to rotate 180° for ease of cleaning the outer pane from inside the room.
- · Quality lacquered pine sash and frame.
- Complete with outer aluminium cappings and flashings for corrugated iron or tile roofs.

- **NEW** Available in 4 sizes.
 - High performance double glazing as standard.
 - Insect screen available as optional extra.

Blind options – All tailor-made to fit each size of roof window

GGL Manual Blockout

GGL Manual Venetian

GHL Manual Blockout

GHL Manual Venetian

• All blinds only available in white • Now even easier to fit using VELUX *Pick&Click!*™ System.

VELUX GDL CABRIO™

Balcony roof window

When closed it looks just like an ordinary skylight – but within seconds it opens up to a fantastic roof top balcony.

Bottom section moves forward and locks upright with integral banister railings to form a sturdy balcony surround.

*For roofs below 15° pitch, skylights need to be raised to 15° and custom flashed. VELUX can assist with technical advice and drawings.



SIZES AND PRICES - PAGE 15



VELUX Sun Tunnels

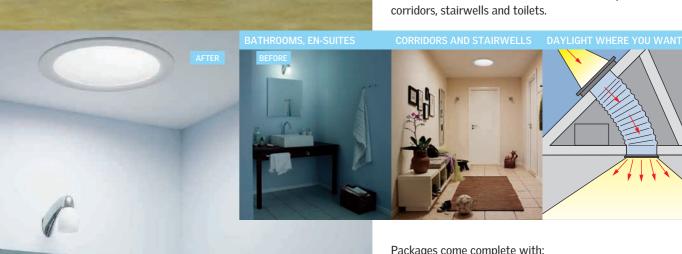
Bringing natural light into places you never thought possible!

VELUX Sun Tunnels are like no others on the market, because they use a toughened glass, fixed skylight within the roof structure.

The outer frame has the appearance of a traditional skylight and sits flush with the roof for harmonious effect.

By using glass not plastic, the outer pane will not discolour with age and so affect the quality of light.

VELUX Sun Tunnels are ideal for dim or dark places such as



VELUX Blinds – effective light control

VELUX has a choice of blinds that provide different levels of light control. Tailor-made to fit perfectly to each size of skylight or roof window, they are easy to install and are supplied with aluminium side channels that allow the blind to be positioned at any point down the window.

Blockout blinds

10



Provide complete blockout from light. Manual, electric or Solar powered versions available.

- Blind can be stopped at any position on the window.
- Reduce light by approx 100%.
- · Available in white only.



Control the amount and direction of light. Manual or electric versions available.

- · Aluminium slats, white on inner and outer surfaces.
- Reduce light by up to 85%.



The new innovative VELUX **Pick**& **Click!**™ system makes installing our blinds a snap!

Blind options

	Manual Blockout	Manual Venetian	Solar Blockout	Electric Blockout	Electric Venetian
FS	√ ^	√ ^	√ *		√ °
VS			√ *		√ °
VSE				√ †	√ †
GGL	\checkmark	\sim			
GHL	\checkmark	\checkmark			

NB: New VELUX blinds and flashings do not fit VELUX skylights manufactured prior to March 2010 and must be ordered accordingly

- ^ Manual blinds for Fixed Skylights need rod control for out-of-reach situations
- † Uses VSE remote control (see page 5).
- ° Needs KLR 100 and KLC 500 control. Blinds are not available for FCM flat roof

Packages come complete with:

- Choice of highly reflective flexible or rigid tunnel (350mm diameter, lengths vary - see price list on page 15).
- 4mm toughened glass.
- Dual-layered ceiling diffuser spreads light over an area of up to 9m².
- · White ceiling ring.
- Outer aluminium & PVC cappings and integral flashings for tiled roofs.
- Straight forward to install.
- 7 year warranty.
- *Sun Tunnels are not suitable for roof pitches below 15°.

- * Solar powered blinds include hand-held remote (wall-mounted keypad supplied from June/July 2010).







VELUX FCM

Flat roof, glazed skylight

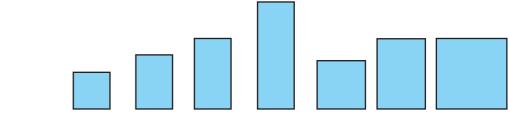
The brilliantly simple FCM flat roof skylight incorporates the VELUX High performance glazing unit and an all metal, insulated exterior

The new smoother exterior gives not only a lower profile on the roof, but also provides a "cool" daylighting solution by effectively blocking heat build up and UV rays.

Huge benefits at a fraction of the price you would expect.

- Unlike acrylic or polycarbonate glass will not fade or discolour over time.
- VELUX High performance glazing blocks 80% of radiant heat and gives 99% protection from UV rays.

- Maintenance free anodized heavy-gauge aluminium frame withstands the extremes of the Australian climate.
- Maximum 5 stars on WERS Summer rating.
- Available in 7 sizes.
- Versatile positioning: most sizes can be used in portrait, landscape or even "diamond shape" orientation.
- High performance double glazing as standard.
- Improved U-value, (2.8 W/m²K 4646 size, complete skylight).[†]
- Improved Solar Heat Gain co-efficient (0.26 for 4646 size, complete skylight).†
- Requires custom-made flashing (not supplied). VELUX can assist with Technical advice and drawings for this type of flashing.
- 10 year warranty.



Inner glass dimension. wxh mm ► 572 x 572 572 x 877 572 x 1181 572 x 1792 775 x 775 775 x 1181

Throat width must not exceed 35mm

Overall throat dimension for custom-made flashing, wxh mm ► 665 x 665 665 x 970 665 x 1275 665 x 1885 870 x 870 870 x 1275 1275 x 1275

Size code ► FCM 2222 FCM 2234 FCM 2246 FCM 2270^ FCM 3030 FCM 3046 FCM 4646

[^]FCM 2270 not recommended for "landscape" orientation.

^{*}VELUX recommends FCM installed at a minimum pitch of 2° to prevent condensation build-up and to allow water run-off.

[†]U-value and SHGC data based on NFRC simulations for 2004 glazing.

Openable Skylights Page 5 550 x 980 780 x 1400 550 x 700 550 x 1400 780 x 980 780 x 1180 1140 x 700 1140 x 1180 MO4 CO1 0.04COS M06 MOS Manual Skylights (Old code) (101)(104)(108)(304)(306)(308)(601)(606)VS 2005 Comfort double glazing 945 960 826 835 1,160 VS 2004 High performance double glazing 871 888 1,002 1,030 1,120 1,210 1,098 1,364 (RRP) \$ Package includes: Flashing for single skylight in corrugated iron or tile roof, insect screen and operating hook. NB: Operating Rod (ZCT 300) for out-of-reach operation and handle (ZZZ 201 for within-reach operation in place of hook) to be purchased separately. For roofs below 15° pitch, skylights need to be raised to 15° and custom flashed. VELUX can assist with technical advice and drawings on this type of installation. CO1 C04 C08 M04 S01 S06 (306) (Old code) (104)(108)(304)(308)(601) (606)(101)VSE 2004 High performance glazing 1,910 1,934 2,045 2,072 2,161 2,249 2,157 2,400 Package includes: Flashing for single skylight in corrugated iron or tile roof, insect screen, pre installed electric motor, remote control and rain sensor. No additional electrical control system required when adding blinds. For roofs below 15° pitch, skylights need to be raised to 15° and custom flashed. VELUX can assist with technical advice and drawings on this type of installation. Page 10 CO1 C04 C08 M04 M06 M08 S01 S06 BINOS (For VS and VSE) (104)(108)(304)(306)(308)(601) (606)(Old code) (101)DSH Solar Blockout, Electric**, White (VS only) (RRP) \$ 479 489 489 489 499 499 PMH Electric Venetian*, White (VSE & VS) (RRP) \$ 496 511 501 533 511 547 518 **DMH** Electric Blockout, White (VSE only) 494 512 513 523 544 522 560 *Additional electrical control system (KLC 500) and remote control (KLR 100) required for blinds on VS skylight. **Remote control supplied (wall-mounted keypad supplied from June/July 2010).

NB: New VELUX blinds and flashings do not fit previous VELUX skylights ‡

NEW	Fixed Skylight Page 7 Overall frame dimer Fixed Skylights		C01	550 x 980 CO4 (104)	550 x 1400 C08 (108)	780 x 980 M04 (304)	780 × 1180 M06 (306)	780×1400 M08 (308)	1140 × 700 S01 (601)	1140 x 1180 \$06 (606)
	FS 2005 Comfort double glazing	(RRP)	\$ 397	489	606	574	-	690	-	-
	FS 2004 High performance double glazin	ng (RRP)	\$ 491	559	710	680	762	846	759	892
	Package includes: Flashing for single skylig For roofs below 15° pitch, skylights need to Page 10			JX can assist	with technic	al advice and	l drawings on	n this type of	installation.	
NEW		New size code (Old code)	CO1 (101)	C04 (104)	C08 (108)	M04 (304)	M06 (306)	M08 (308)	S01 (601)	S06 (606)
	PAD Manual Venetian**, White only	(RRP)	\$ 165	180	200	190	210	225	200	240
	DKD Manual Blockout**, White only	(RRP)	\$ 175	190	210	200	220	235	210	250
	PMD Electric Venetian*, White only	(RRP)	\$ 468	480	510	500	516	531	513	552
	DSD Solar Blockout, Electric***, White of	only (RRP)	\$ 479	479	-	489	489	489	499	499
	*Additional electrical control system (KLC	500) and romo	to control (KI E	200) roquire	d					

^{*}Additional electrical control system (KLC 500) and remote control (KLR 100) required.

Page 9

CABRIO™ Balcony Windows – for full product details and prices contact VELUX Customer Services

Prices include flashing for single skylight into tile or metal roof. Contact VELUX Customer Services for details and prices of combi flashings for coupled skylights.

Price list effective April 2010. All prices are supply only and include GST. Prices subject to change without notice. All prices quoted are Recommended Retail Prices (RRP) only.

Delivery time (in working days)* NSW 1-2 VIC 1-2 SA 3 ACT 1-2 QLD 2-5 NT 3-7 TAS 3-5 WA 1-2[†]

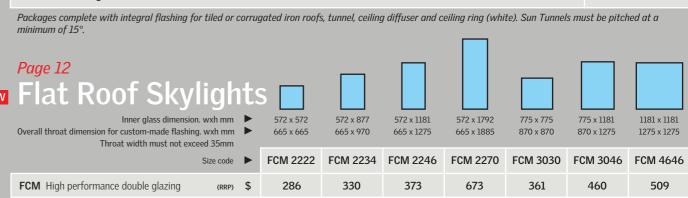
‡New VELUX blinds and flashings do not fit VELUX skylights manufactured prior to March 2010 and must be ordered accordingly.

Openable Roof Windows								
Page 9 Overall frame dimen	sion wxh mm	•	550 x 780	550 x 980	780 x 980	780 x 1180	780 x 1400	
Manual Roof Windows	Size code	•	C02	C04	M04	M06	M08	
GGL Centre pivot, High performance double glazing	(RRP)	\$	690	730	845	-	1,020	
GHL Dual action, High performance double glazing	(RRP)	\$	- 1	NEW 810	919	1,009	NEW 1,130	
Package includes: Flashing for single window in corruga For out-of-reach situations requiring manual operation,					ices of combi flashi	ing (for coupled ro	oof windows).	
ZIL Insect Screens (For GGL and GHL)	(RRP)	\$	239	239	294	294	294	
ZIL Insect Screen is fitted to plaster reveal. Suitable for within-reach applications only.								
Page 10								
Blinds (For GGL and GHL)	Size code	•	C02	C04	M04	M06	M08	
DKL Manual Blockout Blinds, White only	(RRP)	\$	176	189	195	208	228	
PAL Manual Venetian Blinds, White only	(RRP)	\$	187	200	206	223	239	

Page 5 Electric and Rod Controls

NEW	ZZZ 201	Handle (white) to operate openable skylight within reach (see picture on page 5)	(RRP)	\$ 36
	Z0Z 032	Short rod control (60 cm) to operate within reach, manual openable skylight	(RRP)	\$ 43
NEW	ZXT 200	Rod control to operate manual fixed skylight blinds. 100cm in length – extendable up to 180cm	(RRP)	\$ 50
	ZCT 300	Rod control to operate manual openable skylight. 145cm in length – extendable up to 285cm	(RRP)	\$ 58
NEW	KLC 500	Multi controller to operate electric Blockout or electric Venetian blinds on a manual or fixed skylight Operates up to 5 blinds. Must be used with KLR 100 remote control	(RRP)	\$ 395
NEW	KLR 100	Remote control, used with KLC 500 electric multi controller	(RRP)	\$ 170

Sun Tunnels				
TWF 014	Sun Tunnel with flexible shaft – 2200mm long, 350mm diameter	(RRP)	\$ 330	
TWR 014	Sun Tunnel with rigid shaft – 1950mm long, 350mm diameter	(RRP)	\$ 549	
ZTR 014	Rigid extension – 1240mm	(RRP)	\$ 220	



 ${\it Custom-made flashings \ are \ not \ provided \ with \ FCM \ Skylight-VELUX \ can \ assist \ with \ technical \ advice \ and \ drawings.}$

Prices include flashing for single skylight (excludes FCM) into tile or metal roof. Contact VELUX Customer Services for details and prices of combi flashings for coupled skylights. Price list effective April 2010. All prices are supply only and include GST. Prices subject to change without notice. All prices quoted are Recommended Retail Prices (RRP) only.

Delivery time (in working days)* NSW 1-2 VIC 1-2 SA 3 ACT 1-2 QLD 2-5 NT 3-7 TAS 3-5 WA $1-2^{\dagger}$

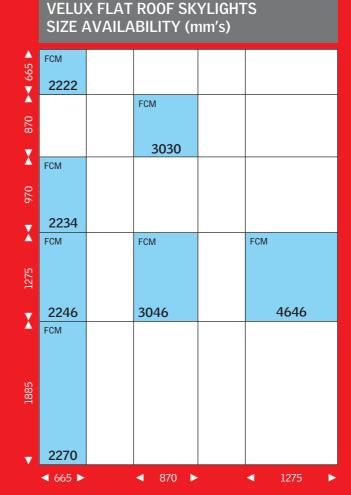
^{**}Requires ZXT 200 control rod for out of reach situations (at additional cost). *** Remote control supplied (wall-mounted keypad supplied from June/July 2010).

^{*}Metropolitan areas only. Subject to order being processed before 12 EST noon. †Subject to availability at Perth warehouse.

^{*}Metropolitan areas only. Subject to order being processed before 12 EST noon. †Subject to availability at Perth warehouse.

SIZE AVAILABILITY (mm's) VS VSE VS VSE FS 700 FS (101) (601) **S01** C01 GGL 780 C₀₂ VS VSE VS VSE FS GGL GHL FS GGI GHL (104)(304)M04 C04 VS VSE FS VSE FS GHL (306)(606)**S06** M06 VS VSE FS VS VSE GGL GHL FS 1400 (308)(108)**CO8 M08 ⋖** 550 ▶ **◄** 780 ▶ 1140 Old codes shown in (brackets).

VELUX SKYLIGHTS & ROOF WINDOWS



Bringing light to life.

VELUX Australia Pty Ltd 321-323 Princes Highway, P0 Box 93, St Peters NSW 2044

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www.velux.com.au



SYDNEY HEAD OFFICE & SHOWROOM

