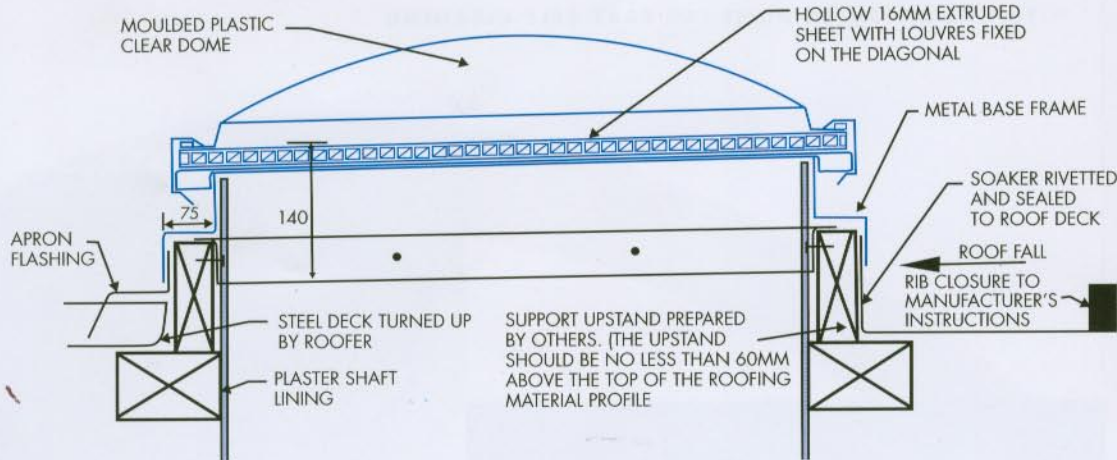


# SOLAR CONTROLLER LITE

WITH A CLEAR OUTER DOME FOR EASY SELF-CLEANING



*This brochure illustrates fitting into steeldeck, however details for tile, c.g.i. or slate applications are also available on request.*

## FEATURES

- This matt-white louvred skylight can be installed in a fixed position to minimise summer, and maximise winter penetration
- It can also be installed to eliminate direct solar radiation all year round if desired
- It reduces direct summer solar radiation to 24% or 29% of its unimpeded value by selecting the correct configuration.
- Regarding light transmission, the matt-white louvred skylight will always admit approximately 42% of visible light from a **uniform overcast sky**. As a result, visibility is hardly affected compared with using clear material. Hence by reducing light by 60%, the eye's seeing capacity is only reduced by about 6% which is negligible.

## STANDARD SIZE RANGE

Inside Size (mm)	Light Area (m <sup>2</sup> )	Clear Ventilation (m <sup>2</sup> )
600 x 600	0.360	0.092
800 x 600	0.480	0.105
800 x 800	0.640	0.119
1200 x 600	0.720	0.133
900 x 900	0.810	0.133
1200 x 800	0.960	0.146
1000 x 1000	1.000	0.146
1200 x 1200	1.440	0.173
1500 x 1500	2.250	0.214

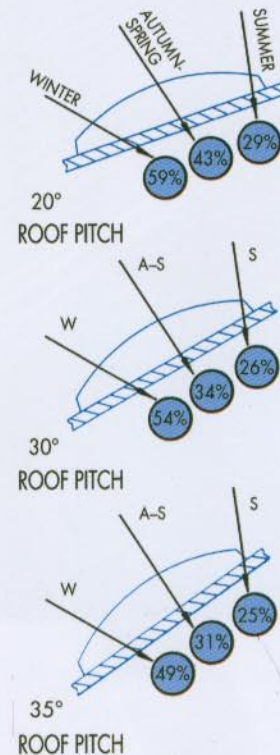
**Note:** When ordering specify size, roof type and venting requirements. When ordering rectangular units, the direction of the louvres must be specified. In general, the louvres should be at right angles to the fall of the roof.

## RADIANT HEAT GAIN (%)

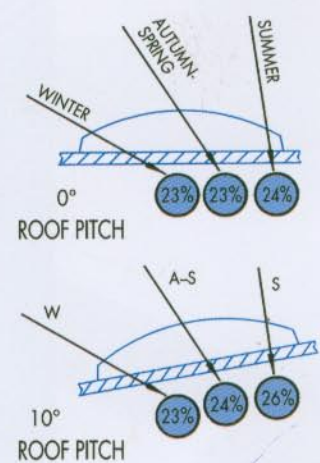
Radiant heat penetration (%) of skylights in roof with north aspect, noon solar performance in Melbourne.

The following are recommended arrangements to minimise heat gain.

### LOUVRES POINT NORTH



### LOUVRES POINT SOUTH



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