

## Sunpipes

Rooflights with reflective daylight tubes

Energy-free  
lighting  
reduces costs  
and emissions



### Pipe natural daylight through all roof constructions

Roofglaze Sunpipes provide a simple and practical way to introduce natural daylight into areas where light from vertical windows cannot reach – and where conventional rooflights may not be suitable due to roof construction.

- Suitable for all roof types – pitched or flat
- Units comprise polycarbonate dome with ABS flashing plate and lead skirt, reflective light tube ceiling diffusers and ancillary fitting components.
- Easy to install – can be fitted in three to four hours
- No structural alterations required – light tubes can be positioned between rafters
- Available in a range of sizes from 230mm diameter up to 530mm diameter



Download technical data at  
[www.roofglaze.co.uk](http://www.roofglaze.co.uk)

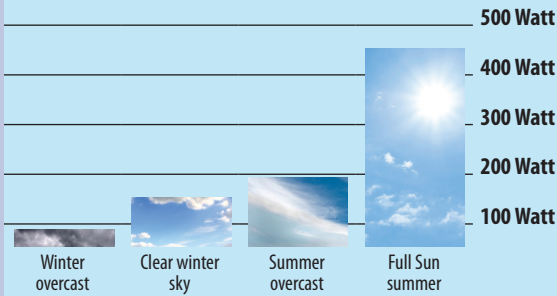
# Sunpipes

## Sizing Guide

Area to be lit (to a normal daylight condition)	SunPipe size
approx 80 sq. ft. (7.5m <sup>2</sup> )	9" (230mm dia)
approx 150 sq. ft. (14m <sup>2</sup> )	12" (300mm dia)
approx 230 sq. ft. (22m <sup>2</sup> )	18" (450mm dia)
approx 430 sq. ft. (40m <sup>2</sup> )	21" (530mm dia)

## Light Output

The most remarkable feature of SunPipe is the amount of intensified light it can deliver. The light will vary depending on the time of year but can be expressed as an equivalent to electric lighting, as shown in these diagrams.

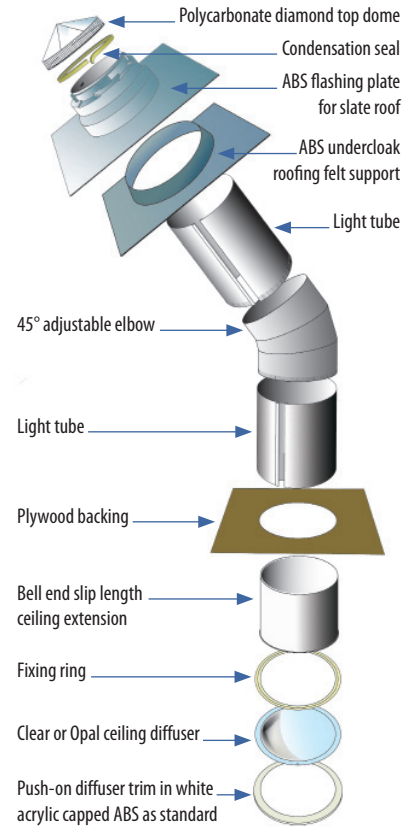


Tables from research conducted by the University of Nottingham.

Above chart shows output of a 300mm dia. SunPipe to a flat roof application.

There is a 6% drop in light output for every metre of SunPipe and a 12% reduction for every elbow used.

## Pitched Roof Standard Kit



Metal profiled roofs



Pitched roofs - slates or tiles



Flat roofs

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