



Harvesting Sunlight without Heat

mbientlite™
Solar Daylight System

Mbientlite™ Tubular Rooflights Optimising Natural Daylight

The sun is a sustainable light source, and thus roof lights can make a significant contribution to sustainable building design. They are an effective and efficient means of maximising natural daylight in dark areas, often virtually eliminating the need for supplementary electric lighting during the day.

MbientLite™ roof lights, used as a complement to artificial lighting, can considerably reduce the annual energy consumption of any building, thereby reducing CO2 emissions.

Benefits of Natural light

Scientific studies have shown the positive benefits of Natural Daylight for health and well-being in a range of applications. For example, it can promote faster recovery of hospital patients and better performance by factory workers and pupils in schools.

Tubular Rooflight systems are used to bring natural daylight into internal spaces and rooms that have no, or insufficient light.

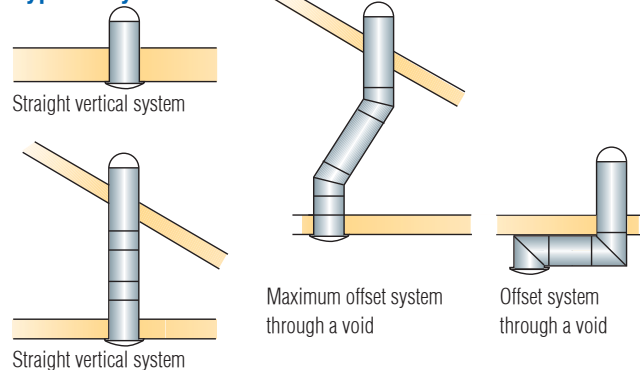


Wide range of purpose-designed roof interface flashings to suit most roof coverings. Can be used on pitched and flat roofs. Adjustable elbows give flexibility of siting.

How it works

- Light collecting dome exposed to ambient light, collects the light.
- Reflective pipe conducts the light into interiors.
- Light diffuser distributes light evenly throughout the space.

Typical layouts



Advantages

- Simple and reliable installation.
- Saves Costly Electricity
- No Maintenance
- No Power outage
- Range of sizes for different requirements.

Features

- Bright Natural day light
- Works on cloudy days
- No heat transfer / cool Lights
- Zero UV radiation
- Can bend around corners