

How does a Solatube® Daylighting System work?

Solatube® Daylighting Systems **CAPTURE** daylight from your rooftop, **TRANSFER** it down a highly reflective tube, then **DELIVER** it into the room below – simple but brilliant! Patented technologies ensure that the maximum light possible is transferred into your home. We are so confident that no other tubular daylighting device will give you more light all day long, all year long, we offer you a [Highest Performance Guarantee](#).



In the CAPTURE zone

1 - Patented Raybender® 3000 Dome

A patented Fresnel lens redirects additional daylight down into the tube – low-angle light that would otherwise have passed straight through the dome and been lost.

2 - Patented LightTracker™ reflector

This unique reflector is inserted into the dome, dramatically increasing the amount of light entering the tube by reflecting low-angle morning, evening, and winter light into the tube.

In the TRANSFER zone

3 - Spectralight® Infinity reflective tubing

Rigid, super -reflective tubing that transfers the light that has entered via the dome to the room below. Solatube® Daylighting Systems use Spectralight Infinity tube material – at 99.7% reflective, it is the most reflective material used in any tubular daylighting device and is exclusive to Solatube Daylighting Systems. The higher the reflective value of the tube material, the more daylight will reach the room.

In the DELIVERY zone

4 - Ceiling diffuser

Diffusers are necessary to distribute the daylight evenly throughout the room below. Solatube® diffusers are of quality and robust construction, yet maintain a sleek and contemporary appearance, fitting neatly to the ceiling with no visible fasteners. All are double-glazed to prevent heat loss or gain, and almost all UV transmission is blocked so your soft furnishings will not fade.