



Solarspot®

The world's brightest  
sun tube system.



More daylight for your  
home, guaranteed.

**Guaranteed**  
**70%**  
**Brighter**

**SOLARSPOT**  
Tubular Daylight Systems

## Brighter by design


A Solarspot® is the brightest daylight tube and will deliver more natural light to your home than any other system available on the market today. Whether it's the dome on the roof, the extension tubes and angles or the ceiling diffuser, every component of a Solarspot is designed to ensure maximum efficiency, so that you get more daylight into your home.

We are the only manufacturer to publish the efficiency figures for our daylight systems. An efficiency figure allows you, the customer, to compare products to judge which is the brightest. Other companies choose not to make this information available - we'll leave you to judge why.

We won't make comparisons to numbers of light bulbs, or try to bamboozle you with lux and lumen figures. What we will do is guarantee that, like-for-like, a Solarspot will give you at least 70% more daylight than any other sun tube system.

### Why you should chose Solarspot:

- Fully guaranteed for 10 years
- Independently tested
- Maintenance free
- No heat loss or heat gain
- 99.7% reflective – the most efficient tubing in the world
- DIY or dealer installed - installers nationwide
- Patented technologies
- UV protected - no yellow domes
- More than 70% brighter than the next-best system



Brighten your home  
with the world's  
brightest tubular  
daylight system –  
Guaranteed



## Solarspot® D-25

### 250mm diameter tubular daylight system

The **Solarspot® D-25** is designed to fit between the closest rafters or joists and yet will deliver an astonishing amount of light – **up to 75% more** than that of its nearest competitors and at least 10 times more than a larger diameter flexible-duct system.

The Solarspot® D-25 is so efficient that it equals, or even out-shines systems in the 300 to 350mm sector.

#### The Solarspot® D-25 lights spaces up to 12sqm and is ideal for:

- Bathrooms and en suites
- Corridors and lobbies
- Landings and hallways
- Dressing rooms and walk-in wardrobes

#### The technical bit

Diameter	250mm - 10 inches
Efficiency	55% (source CSTB)
Light Coverage	12sqm - 130 sq ft
Maximum recommended length	6m - 19ft



## Solarspot® D-38

### 375mm diameter tubular daylight system

In tests at the independent Building Research Establishment (BRE) the **Solarspot® D-38** left the competition in the shade. The tests demonstrated that the superior patented technologies of the Solarspot delivered efficiency levels of 57%. Compared to the SunPipe (44%) and Solatube (40%), the D-38 is the clear choice for larger rooms like kitchens and living rooms.

The Solarspot® D-38 system is designed to fit between rafters or joists with a gap of 375mm or more, and will deliver significant levels of daylight for residential and commercial spaces. Due to its exceptional levels of daylight delivery, the D-38 is superior to systems that have significantly larger diameters.

#### The Solarspot® D-38 lights spaces up to 22sqm and is ideal for:

- Wider corridors
- Toilet areas and larger bathrooms
- Kitchens, bedrooms and living spaces
- Offices, study areas and workshops

#### The technical bit

Diameter	375mm - 15 inches
Efficiency	57% (source BRE)
Light Coverage	22sqm - 230 sq ft
Maximum recommended length	11m - 36ft



# So what is a tubular daylight system?

All tubular daylight systems, or 'sun pipes', are basically the same; a protective cover on the roof, a reflective tube of some description in the middle and a lens at the ceiling to spread the light. But the design and materials used for these components have a big impact on the amount of light that will be delivered. The difference between the best system and some lesser offerings can be as much as 2000% more daylight.

## The dome

Solarspot® is the only system that is proven to have a dome that actually captures light and harvests it into the mouth of the tube. This is done with our RIR™ reflector which not only reflects direct light into the tube but also refracts light from the back of the dome to maximise the performance on cloudy days.

## Convax® anti-condensation lens

Just beneath the dome is a second lens that seals the top of the tube to protect against condensation, and to provide additional thermal and noise insulation.

## Vegalux™ reflective tubing

To ensure that the maximum amount of captured light is delivered to the room below, all of the extension and angled sections of a Solarspot system are made using Vegalux™ super-reflective tubing. At 99.7% reflectivity, it is the most reflective material in the world.

## Diffuser

Solarspot diffusers are designed to fit neatly and inconspicuously into your ceiling whilst providing a barrier to any heat gain or loss, and distributing the daylight evenly around your room. They are also UV safe so you won't get any fading of carpets or soft furnishings.

### RIR™ Light Funnel

Using patented prism technology to capture and direct more light into the tube.

### Convax® condensation control lens

Prevents against condensation and increases thermal efficiency.

**10**  
**YEAR**  
**GUARANTEE**



### Vegalux™ extension tubes

99.7% reflective tubing. No other system is as efficient or gives more daylight.

### Perlato™ Diffuser

Evenly distributes the light whilst protecting from heat loss or gain and harmful UV rays.



Solarspot® crystal dome and RIR™ light capture technology. Capturing more light into the dome so you get more light into your home.



### Overhead light

When the sun is directly overhead, the majority light passes straight through the clear dome and into the tube. Direct light that hits the back of the dome is captured and reflected in by the RIR for maximum efficiency.



### Low-level light

At the beginning and end of the day, and during winter months, light hits the dome from a low angle. The RIR captures this light to ensure that the system is delivering the maximum performance all day long and throughout the year. The RIR also has the same effect when mounted on a north-facing roofs, capturing light that is lost on other systems.



### Over-cast days

On cloudy days, light hits the dome from all angles. Even light that hits the back of the dome is captured through refraction.

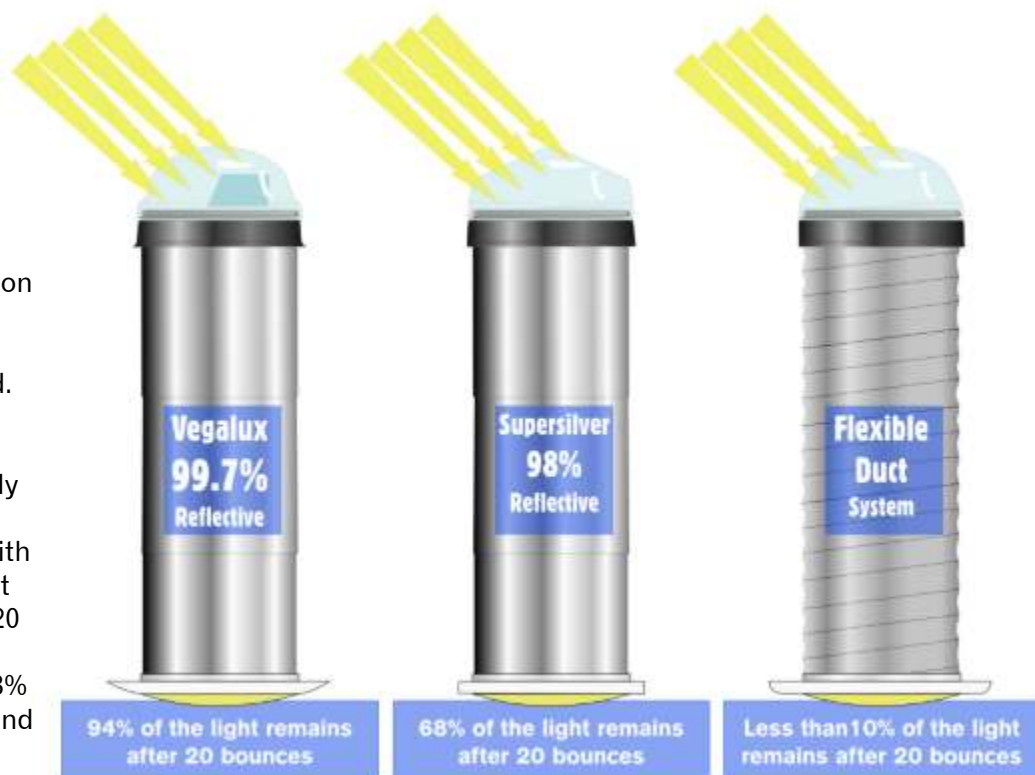
The crystal dome and RIR lens combine to ensure that the maximum amount of light is captured regardless of the conditions helping to guarantee more light into your home.

## Vegalux reflective tubing

To ensure the maximum amount of light is delivered, you need the most reflective tubing. All Solarspot extension tubes are made from 99.7% efficient Vegalux, the most reflective tubing in the world.

This means that as light is bouncing down the tube, only 0.3% is lost each time it hits the surface. Compare this with a system that is 98% efficient where 2% is lost. After only 20 bounces, the 98% efficient tube will have lost around 33% of its light compared to around 6% with the Solarspot.

With a flexible system, the light loss over a 2m length will be around 90%.



### Global Efficiency figures - the only comparison you can trust

Solarspot residential systems are independently rated as 55% and 57% (D-25 & D-38). Independent tests of competitor systems include; Solatube 290DS 40%, Solatube 160DS 35%, Sunpipe 450 43%, Velux Suntunnel flexible system 3%, SolaSkylights flexible 1.5%. Source BRE UK & CSTB, France.

## What's included in the kit

All Solarspot systems are custom built using our modular system components so the kit that we supply is complete with everything you need.

The starting point for your system will be the base kit, which includes a top tube with crystal dome, RIR reflector and Convax lens and bottom tube with white ceiling ring and Perlato diffuser. It will also include the roof flashing to suit your roof type.

We will then ask you to tell us the distance through your loft, or roof void, so that we can recommend the best arrangement of straight extensions and adjustable angles.



**10  
YEAR  
GUARANTEE**

*Fully assembled top and bottom tubes for easy installation*

## Accessories & options

### Integrated electric light kit

Avoid ceiling clutter and use your Solarspot to double up as an electric light for night time use. Suitable for any ES lamp rated up to 75w.



### 0-30, 0-60 & 0-90 degree angled extensions

For situations that require a more convoluted configuration these Vegalux™ adjustable angles allow for almost any installation to be possible whilst the 99.7% reflectivity ensures that minimal light is lost.



0-30 degree  
290mm or 590mm long

0-60 degree  
390mm long

0-90 degree  
590mm long

### Daylight dimmers

This electrically operated unit fits into the Solarspot system to control the amount of light that is emitted. The damping blade is controlled by a wall mounted 230v switch.



### Manual blind (not illustrated)

This manually operated unit is ideal for using with wall-mounted systems or those on sloping ceilings that can be easily reached.

## Leak-proof flashings

Regardless of roof type, there is a Solarspot® flashing to suit your roof. For pitched roofs flashings are available in parallel and angled versions to give you maximum light delivery. Simply tell us the pitch of your roof and the aspect we can recommend the best option.

All flashings are formed as a single section and guaranteed leak-proof.

1. Spun aluminium flashing for flat roofs.
2. Angled flashing for slate roofs (parallel version also available).
3. Parallel flashing for plain and interlocking tiles.
4. Angled flashing for plain and interlocking tiles.

*One-piece seamless flashing base for a guaranteed leak-proof performance*

*Rain channels direct water down and back onto the roof*

*Malleable self-adhesive weathering strip forms to tiles and holds the flashing base in place*

*Foam perimeter strips resist driving wind and rain whilst also preventing bird and insect ingress*



## Installation

### Authorised Solarspot® Installers

We have a network of authorised installers that cover the majority of the UK that can do the job for you. Just tell us your postcode and we'll see who we have in your area.

### Local trades people and handymen

Solarspot systems are straightforward to install and the work can usually be done by any local tradesman or handyman. We also offer a full telephone technical service so, even if your tradesman hasn't fitted on before, we can advise them before they start.

### Why not do it yourself?

Many competent DIY enthusiasts opt to fit their Solarspot system themselves. The top and bottom sections are supplied as pre-assembled units and come with full fitting instructions. In most situations systems the changes. Please do be aware that you will need to get onto your roof to install this system.

Delivering more light throughout your home than any other system...



... and that's our promise



Call us today for information and prices

0333 772 0137

Calls to 03 numbers cost no more than a national rate call to an 01 or 02 number and count towards any inclusive minutes in the same way as 01 and 02 calls.



Solarspot International is an ISO 2008 company



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