



Solarspot®

The world's brightest  
sun tube system.



More daylight than  
any other tubular  
daylight system,  
guaranteed.

  
Tubular Daylight Systems

## Brighter by design

A Solarspot® is the brightest daylight tube and will deliver more natural light 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.

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 a Solarspot will give you up to 70% more daylight than any other equivalent size 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
- Pre assembled for easy installation
- Patented technologies
- UV protected - no yellow domes
- Size-for-size, the brightest daylight system in the world.



# The world's most efficient daylight systems, guarantees more daylight for you.

A tubular daylight system (TDS) only has one purpose and that is to get daylight into dark or windowless areas, That's why when you specify a TDS you want to know that the system you are specifying is going to deliver the maximum amount of light possible. Solarspot systems are guaranteed to deliver more light size-for-size than any other system available today.

All Solarspot systems use a patented lens system in the dome, combined with the world's most reflective tube material, ensure that the highest possible levels of daylight are delivered, regardless of the time of year or external conditions.

And this is no hollow boast. All of our performance claims are backed up with testing by esteemed independent international test authorities like BRE in the UK and CSTB in France.

So next time you are specifying a tubular daylighting system you can be assured that no other comes close to the performance of a Solarspot.

## Benefits

- Improves well-being of occupants
- Improves staff attendance
- Improves concentration and reduces fatigue
- Improves property values
- Improves productivity

'... the Solarspot was 33% more efficient than the Monodraught at transmitting light, and 44% more than the Solatube.'

Extract from BRE test number 280962



# 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 RIR® light funnel.

Delivering more daylight, all day long, all year long.



## Maximum low-level daylight capture

At the beginning and end of the day, and during winter months, light hits the dome from a low angle. The RIR® captures this low-level light and directs it down at a steep angle into the tube 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 the dome is mounted on a north-facing roof, capturing light that is lost on other systems.

## Maximum over-head daylight capture

When the sun is above, the vast majority of the daylight passes straight through the dome and into the mouth of the tube with minimal light loss.

Direct light that hits the back of the dome is captured and redirect down into the system in by the RIR® lenses for maximum efficiency.

## Maximum over-cast daylight capture

On overcast, cloudy days or rainy days, ambient light hits the dome from all angles. The crystal-clear dome and RIR® lens combine to ensure that the maximum amount of daylight is captured, regardless of the conditions, helping to guarantee higher light levels than any other light pipe system.

Solarspot - excellence through innovation

# Solarspot tubular daylight system product range

With such a wide range of sizes, you're guaranteed that there will be a Solarspot system suitable for every application.



## Solarspot D-25

Diameter 250mm  
Length to 6.0m  
Coverage 12sqm  
Ceiling ht. 2.0m\*  
Efficiency 55%

Suitable for residential and commercial applications.

## Solarspot D-38

Diameter 380mm  
Length to 10m  
Coverage 22sqm  
Ceiling ht. 2.3m\*  
Efficiency 57%

Suitable for residential and commercial applications.

## Solarspot D-53

Diameter 550mm  
Length to 17m  
Coverage 32sqm  
Ceiling ht. 2.8m  
Efficiency 65%

Suitable for residential and commercial applications.

Size-for-size, up to 70% brighter\* than the next best tubular daylight system.

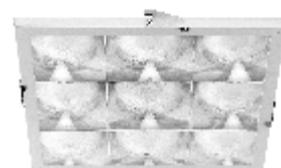
\*Figures based on BRE tests for Solarspot D-38, Solatbe 290DS and SunPipe 450.

Test number 280962

## Solarspot accessories range

The comprehensive line-up of Solarspot base kits is complimented with the most extensive range of accessories.

- The widest range of extension tubes; 200mm, 300mm, 400mm, 600mm & 1200mm
- Range of adjustable angled extensions; 0-30 degrees, 0-60 degrees and 0-90 degrees
- Interactive LED lighting systems on all sizes
- Electric daylight dampers with optional remote controls
- Suitable for plasterboard ceilings, suspended ceilings and open warehouse ceilings
- Round and square diffuser systems with a wide range of lens styles





### Solarspot D-65

Diameter 680mm  
Length to 25m  
Coverage 50sqm  
Ceiling ht. 4.0m\*  
Efficiency 70%

Generally only suitable for commercial applications only.



### Solarspot D-90

Diameter 908mm  
Length to 35m  
Coverage 95sqm  
Ceiling ht. 6.0m\*  
Efficiency 75%

Generally only suitable for commercial applications only.

\*Minimum recommended ceiling height

## Solarspot flashing range

In addition, the Solarspot flashing range is unparalleled in the industry offering flashing options for virtually every roof type. In addition to a wide range of stock flashings, available across all tube sizes, we are able to offer bespoke flashings for specific projects.



*Standard flashings and custom options are available to suit virtually every roof types.*

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Solarspot systems are distributed in the UK by:

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