

Solarspot[®] D-38 versus SunPipe[®] 450 and Solatube[®] 290DS

To help see through all of the sales jargon and technical smoke-screen generated by some light pipe manufacturers, we asked the Building Research Establishment (BRE) to test the Solarspot system against the comparable offerings from Monodraught and Solatube. The results from this highly respected and independent body should give you all the information that you need when deciding on which tubular daylight system is right for you and your home or business. See the results in the table to the right.



SunPipe 450

Solarspot D-38

Solatube 290DS

So why is the performance of the Solarspot significantly greater than that of its rivals? It's all in the technology:

The Solarspot[®] dome

The dome is completely clear, allowing the maximum amount of light to enter the tube without interference from 'so-called' light harvesting prismatic lenses which can actually block out more than they capture, and in the Solatube, actually designed to do this*.

RIR[™] Light Funnel

To maximise light capture in the Solarspot, we use our patented RIR light funnel technology. At the start and end of the day, the RIR reflects low-level light into the system. As the sun gets higher in the sky, or on overcast days (this is the UK after all), there are no obstructions to light entering the top of the tube – maximising light capture in all weather conditions.

Vegalux[®] light transfer technology

With an unsurpassed light reflectivity of 99.7%, our Vegalux tubing and extension systems are able to deliver more light, for longer distances than any other tubular daylight system.

Buying with confidence - more light for your home

No other system will deliver as much light to your home through an equivalent size or length of pipe and that's a fact.

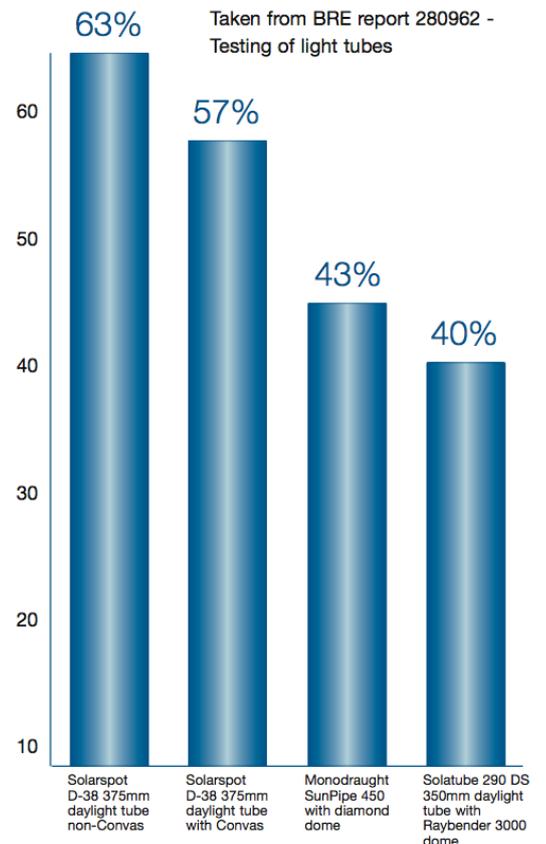
No other system offers you such a complete package of patented light capture and delivery technology, making it Europe's number one system for maximum daylight delivery.

So what does it all mean?

You've seen the efficiency figures above but what does that mean in terms of how much extra light you will get?

Compare the Solarspot with the Solatube; in a side-by-side installation, the Solarspot D-38 would deliver around 69% more light than the Solatube 290DS.

Solarspot, no hard sell – just hard facts.



In conclusion – from the BRE report:

Taking the 3 double/single glazed tubes, the Solarspot with Convax lens product had the highest transmittance, 0.57, compared to 0.43 for the Monodraught and 0.40 for the Solatube. In relative terms, it was 33% more effective than the Monodraught at transmitting light, and 44% more effective than the Solatube*.

*Source, BRE test report number 280962

