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# Monthly News

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BUY BRITISH!



## THIS MONTH

- Summer holidays
- Technology
- Product focus
- Did you know?
- Benefits of LEDs

## Summer holiday edition!

We are now right in the summer holiday season, with many people off for their annual top-up of sunshine. Given our July weather in the UK you can certainly see the attraction of charging the batteries and basking in some much needed sunlight. Here at Low Energy Designs we are all eagerly waiting for our summer breaks.

Our CEO Alan has only just returned from a trip to Australia that he has tried to tell us was business not pleasure – but we're still not convinced! Wherever you are planning on going on holiday, one thing is certain that when you get



back you'll be pining for the sun! Sitting in a badly lit office or a dark factory can really get you down and the contrast on your

return can be really marked. It may be just the right time to review your lighting needs – perhaps think about installing a new system that simulates natural daylight?

The contrast with an old style flickering tube is quite surprising.

Our LED light fittings could be just what the doctor ordered. OK, they won't keep your tan topped up but they can certainly save you money on your energy usage – enough to go towards next years' holiday!

## LED Technology



The price to be paid for ever increasing efficacy of LEDs comes in the need for effective heat management. Manufacturers depend on temperature control to maintain the Lumen output of the LED .

Improvements in dealing with this heat will clearly provide the possibility of raising light output and lengthening even further the lifespan of the lamp.

At Low Energy Designs we maintain our focus on producing fittings which provide highly effective heat management systems, through both software and physical construction, thus ensuring progress towards products with both longer life and higher Lumen outputs.

## Product focus - Skylight LED



The **Low Energy Designs Skylight LED** fitting is our product focus for August. A like for like quality ceiling panel replacement the Skylight can be used in a variety of settings, such as office and retail.

Offering gently diffused daylight simulation, with no flickering or noise, the genuinely noted health benefits of this solution are significant.

It comes with advanced functionality, allowing full photocell dimming from 10-100%, which puts the end user in complete control. Of course, as with all of our Low Energy Designs fittings, this product will significantly reduce electricity costs and usually needs less lights than traditional solutions.

In an attractive package that will enhance any environment the Skylight LED offers customers a chance to improve their working environment.

### *Did you know?*

Russian *Oleg Vladimirovich Losev* is noted as the creator of the first LED way back in 1927. However large scale production of commercial grade LEDs for lighting applications only really commenced in 2005.



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### Some of the benefits of using Low Energy Designs LED technology:

- **Reduced quantity of lights** – our installations require fewer lights: saving you on installation costs
- **Environment** – by using our LED products your energy usage will go down, which is great news for the environment
- **Maintenance** – the service life of Low Energy Designs lighting systems can exceed 77,000 hours, saving you on the cost of replacement
- **Energy** – of course our LED fittings are up to 80% more efficient than traditional technology, saving money on your electricity costs

Please contact us for further information or visit our website [www.lowenergydesigns.com](http://www.lowenergydesigns.com) for more case studies and our full product range.

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