

## Let there be light!

**There is no doubt that the introduction of the Carbon Trust Enhanced Capital Allowance scheme criteria (ECA) will encourage more Signmakers and their customers to make use of the benefits that this facility provides, which is why Sign Gear Systems Ltd. has launched the Tridonic Tal maxx LED 'SELECT' Light chains.**

This new range of Tridonic Crystal LEDs, which has been specifically designed for use in small to medium size channel letters, is fully compliant with ECA requirements and is currently the only such system available that meets the exacting Carbon Trust criteria. Featuring a new compact design, it is ideal for use with small, or medium sized fabricated channel letters, where it provides outstanding light performance, as well as for retrofitting into existing signage programmes.

Featuring a lens that has been specially designed to provide a 155 beam angle, together with a robust IP67 rated housing, the Tridonic Tal maxx 'SELECT' Light chain facilitates the use of a reduced amount of modules without compromising on performance.

LED lifetime and lumen depreciation is also an important factor within the ECA criteria and the Tridonic 'SELECT' modules enjoy an anticipated lifetime of 80,000 hours at (45°C ta). In addition, Tridonic offers an impressive five-year warranty as standard, on all of its ever-expanding range of LED systems and associated power converters.

Sales Director Philip Griffiths of Sign Gear Systems, Tridonic's UK Distributor, explains: "We are living in an age when companies are becoming increasingly aware of the need to reduce their carbon footprint and to make a real contribution to energy conservation. Accordingly, we are experiencing an ever-higher demand for energy efficient lighting systems. Although we are, of course, familiar with other LED products that comply with the scheme laid down by the Carbon Trust, they are mainly designed for the illumination of back-lit light boxes or large built-up letters and thus their dimensions make them unsuitable for use with anything smaller. As far as we are aware, there are currently no other ECA compliant LED systems available for installation into small or medium size channel letters."

He continues: "We have had to face and overcome the challenges involved in producing systems that combine improved light performance, with consistent reliability, whilst also significantly reducing power consumption. This is why we are very excited by the introduction of the Tal maxx LED 'SELECT' Light chain, since as well as being the first commercially viable LED that meets the Carbon Trust criteria, it also out-performs competitive systems by some distance."

“In particular, the ‘SELECT’ modules offer unrivalled performance figures when compared with similar products, offering an impressive lumens figure of 45 Lm per module and efficiency of 80 Lm/W. Further, they are also perfectly suitable for use in larger depth letters, where a high level of luminance is can be provided by a small number of modules, due to the introduction of the extended cable between each individual module.”

The ‘SELECT’ LED chain system facilitates the use of up to one hundred modules wired in series, with no reduced light output, thus making them very user-friendly, with the reduced production and installation time also leading to significant cost savings.

Phillip Griffiths concludes: “We are confident that sign manufacturers and installers and sign buyers and their influencers will appreciate the full range of benefits these excellent new and improved Tridonic modules can offer.”

**For further information visit: [www. www.signgear.co.uk](http://www.signgear.co.uk)**