

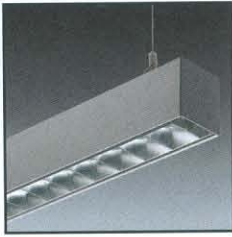
## Luminaires for a variety of interiors

EqualLine, a new range of T16 (T5) luminaires from Thorn, promises effective illumination without dominating the architecture.

The product can be surface, pendant or recessed mounted, with its 72mm width said to allow flush and unobtrusive mounting in concrete or plasterboard ceilings.

It is available either individually (single or double lengths), or in continuous rows (double and triple system modules).

A choice of optics, including micro-prism (MPT) diffusers and direct/indirect distributions, are said to raise lighting quality. The Satinbrite



louvre versions realise an LOR up to 83 per cent. Due to their modular construction and glare control, the light lines can be adapted

to work within a variety of interiors. L-, T- and X-shaped connectors and infill modules promise flexibility.

Integrated SensaDigital controls and dimmable ballasts are said to give a higher level of efficiency. Track modules for spotlights and integral LED emergency lighting are further options.

Body colour is natural anodised aluminium (white for recessed versions) with grey, screw-free, end caps. **Thorn – circle enquiry no. 67**

## Transformers and LED drivers

Hamilton Litestat has launched a new selection of transformers and LED drivers.

The new Mini transformer series is available in 60, 70 and 105 versions, corresponding to the maximum lamp wattage used. All feature two incoming terminals; live and neutral.

The Planet 60 has three incoming terminals with the addition of an earth terminal. All are said to be lightweight, easy to install and



are suitable for 12V halogen lamps. They're

dimmable with leading edge or trailing edge technology dimmers, both of which are also available from the company.

The new LED drivers are dimmable with a leading edge TRIAC dimmer and have a dimming range of 1 to 100 per cent. They are reported to be neat and compact, and the easy press cable lock makes them simple to install.

**Hamilton Litestat – circle enquiry no. 68**

## Lighting solutions

Part L1 Building Regulations require a minimum of 75 per cent of light fittings in new dwellings to be low energy.

Click Scolmore's latest product brings together a 6W LED Reflector lamp from its new Energetic range, with its FlameGuard downlighter, to produce lighting solutions that are low energy, Part L compliant, and offer built-in protection against fire and noise pollution. The lamp, which carries a six-year guarantee, is available with six FlameGuard fittings, a number of which are supplied pre-wired to the Flow CT101C, pull-apart connector to enable quick installation and disconnection for maintenance.

Through its partnership with Energetic, the company offers reportedly the most comprehensive range of energy-efficient lamps in the UK, from one supplier. Many new LED products have been added to the Click Energetic range since its September launch.

The FlameGuard system was designed to restore the fire integrity of ceilings and provide an acoustic barrier. Once installed, it promises long-term fix and forget protection.

**Click Scolmore – circle enquiry no. 71**



## New splitters



New to the Lewden:Palazolli range of industrial plugs and sockets are two new splitters; Splittine and T-Line. Designed for use in arduous environments, they are splashproof, have an IP44 rating and conform to IEC60309.

Splittine has one power inlet and three power outlets and can be tied to rigging and piping for rapid installation. Its reportedly lightweight and compact design belies its robust construction.

The T-Connector incorporates a re-wireable in-line T-Connector in its black body moulding and is said to be ideal for temporary hard wired cable connection for lighting and heating installations. Reportedly ideal for theatre, film and studio applications, T-Line promises a robust construction, but is still lightweight and compact, which provides savings in time, space and cost.

**Lewden – circle enquiry no. 72**

## Safety switches



As solar power grows in popularity as a source of alternative energy, the requirement for safety has never been greater, according to Katko.

As the cells are constantly generating whilst there is daylight, therefore, the inverter needs to be isolated for servicing and repair. To ensure complete safety and peace of mind, the company advises you to fit its DC Safety Switch between the photovoltaic cells and the input to the inverter, and an AC Safety Switch between the output of the inverter and the main switchboard.

For increased awareness and safety, the company supplies the DC switches in grey enclosures with a black padlockable handle, and the AC switches in a yellow enclosure with a yellow/red padlockable handle, said to make it apparent to the end user which switch is DC and which is AC.

Its DC range covers from 6A DC22 at 440V to 200A DC21 at 1,000V. Its AC range covers from 16A to 630A.

**Katko – circle enquiry no. 69**

## Wireless CCTV

Facina has introduced a fully digital, portable, wireless, observation system aimed at small retail premises or domestic applications.

The new VKFWK1 uses frequency hopping spread spectrum (FHSS) technology to reduce interference from other wireless devices. For security and privacy, images can only be viewed on the monitor paired with each camera.

Both internal camera and monitor have in-built rechargeable Li On batteries, promising rapid deployment for situations requiring immediate surveillance, or for where camera positions regularly require changing. Plug-in transformers are included for more permanent applications and for recharging batteries.

Although supplied with one internal camera, up to four can be used on each system, with additional internal or external camera available.

Each camera has infra-red illumination, with the external camera covering up to 15m. Motion detection is provided by PIR motion sensor.

Recordings are made on to the 3.5" LCD monitor via the supplied 2GB SD card. It has an AV output, enabling connection to a TV via the supplied cable. **AVS – circle enquiry no. 70**



## Lighting solutions

## Wireless devices' seal of approval

For several years, Argus Security Srl, a specialist fire detection design and manufacturing company based in Trieste, Italy, has been working in conjunction with its engineering partner, Argus Spectrum, to expand the range of dedicated wireless detectors and ancillary devices distributed to European markets, including the UK.

The products were reportedly first developed and supplied before the implementation of the specific European standard, EN54-25, which now covers the wireless performance of such fire alarm devices.

Since they were designed to fully comply with the standard's requirements, the company was keen to demonstrate this fact to customers by having the products third party

certificated by a leading approval organisation, and so chose LPCB (part of BRE Global) as an internationally recognised assessment partner.

This choice was also determined by the need to obtain comprehensive certification, covering not only wireless performance, but confirmation of the critical responsiveness of smoke and temperature detectors, ability of devices to withstand environmental extremes, immunity to EMC, etc. All of these aspects could be readily covered by LPCB as part of their assessment process.

The company's Sagittarius range of wireless detectors recently completed the full series of EN54 testing successfully and are said to be the first products to have been certified by LPCB to the EN54-25 wireless standard for fire system applications.

The addressable wireless devices are designed to be used not only in conjunction with the company's Vega protocol intelligent systems, but also promise dedicated interfaces, allowing them to be used with other system solutions, including conventional fire alarm installations.

Product is distributed in the UK under the Hyfire brand by Sterling Safety Systems and is available in other European markets via specialist system distributors.

**Argus Security – circle enquiry no. 73**

