

Simpler LED Installation via Isotera

Written by Marco Attard
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UK-based startup Isotera plans to make LED lighting fixture installation "simple and fun" through "contactless power" technology, a means of eliminating the need for individual drivers.



LEDs require direct-current (DC) power even if mains run on alternating-current (AC)-- meaning installs are lengthy and costly procedures due to the wiring of drivers, fixtures and controls.

Isotera replaces drivers with a selection plug-and-play lighting and control products. The iPower range provides a "complete backbone," as the iHub (single cool-running power converter) feeds power through iBus double-insulated cable. In turn contactless iClip modules sip power from the iBus at any point without need for cutting or splicing.

Components easily snap together with need for few hand tools, and installers can even put iClip modules into place while the power is on.

For control applications Isotera offers iCon switch and sensor products, all featuring with the same plug-and-play installation capability. The range includes the iSense (integrates PIR, light sensor and controller in a single unit), iSmooth (0-10V dimmer switch) and the iLink connecting accessories.

Isotera product are available in the UK, Netherlands, Germany and Russia, and the company is looking for partners to help expand elsewhere.

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