Helios℠ HPR-LP160

Grid interactive Efficient Buildings Alliance (GiEBA) and Finelite

A Future-Proof, Flexible Platform

The same Helios troffer housing can be configured for general office lighting, or to have Emergency Lighting capabilities where required, or to add germicidal lighting (Legrand “Indiglo-Clean”). This platform philosophy ensures seamless visual continuity and architectural-grade aesthetics. It also allows us to lower manufacturing costs and reduce waste - Helios is 100% recyclable.

Extensive Diagnostics, Maintenance and Fault Location Capabilities

Helios continuously reads and reports its critical performance and operational data. Not just energy consumption, but also luminaire location information and the “health” of all LEDs, including their temperature, running time, manufacturing bin data, and much more. This allows predictive maintenance software to spot potential problems in advance, indicates where the troffer is located, and the specific module inside that may need replacement in the future.

Helios places the latest energy efficient lighting technologies within the reach of both new and *retrofit* installations

DALI is the global standard for digital lighting control. Up until now however, it required a dedicated two-wire bus to be connected to each and every light fixture and switch control. This can be a cost challenge for existing buildings – like the 5.9 million commercial buildings in the US that do not have a DALI bus in their walls and ceilings. Helios overcomes this hurdle – it is wireless. Helios forms a secure network with neighboring light fixtures, switches and other DALI devices using an open standard, low-power wireless technology originally developed by Google, called Thread. Thread is the only wireless protocol the DALI Industry Alliance has standardized on, yet it is non-proprietary. This ensures interoperability with the broadest possible ecosystem.