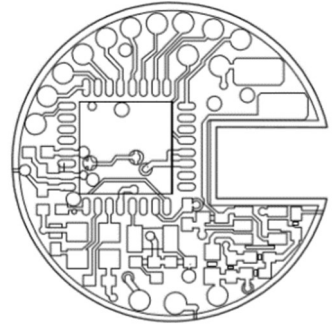


Lights Dimmer On-Board

Low power, configurable dimming technology that works from within the light holder (Patent Pending).



Technical Specifications

Key Features

- Small form factor (22mm Diameter) - designed to fit in E26 or E27 Bulb base.
- Compatible with both UK 230V and US 110V.
- Control systems built using standard communications protocols: UART, Dali® and Bluetooth®
- Low power design enhances compatibility and longevity.
- Safety built within the design.
- Can operate with remaining voltage with a secondary wall mounted dimmer

Design Features

- Processor - Synergy® S128 with optional Dali® stack.
- 7.5kV isolation barrier between high and low voltage components provided by optocoupler 4N35S-M.
- 1A Fuse fitted for extra safety.
- Dimming and control circuitry isolated from each other which allows for a wider range of input voltages on both sides.
- Can be powered by independently from the mains using battery technologies.

Expandable Functionality

- Compatible with a range of communications including UART comms, Dali® and Bluetooth® protocols.
- Splitting the comms from the dimming board provides upgrade possibilities and application flexibility.
- Designed to work regardless of the bulb input voltage.

**For more information
please visit,
www.illumuslights.com**

At a glance

- Small form factor means greater adaptability for different size enclosures
- Low power design enhances compatibility and longevity
- Easily configurable and expandable communications (UART, Bluetooth® and DALI® compatible)
- Smooth dimming capability