

## SLD Smart-Dim Module Manual

Part Number: **SLD-DIM1B**



The SLD-DIM1B is a UL listed Class 2 LED dimming module that enables non-dimming DC power supplies to dim using a standard 0-10V dimming controller. It uses a high frequency 1kHz PWM output to dim the lights, ensuring that there is no visible flicker to the naked eye. The SLD-DIM1B provides smooth dimming from 100% brightness to completely off and many modules can be controlled by a single dimming controller. 0-10V dimming means that they can even be integrated into many commercial dimming systems or used with wireless dimming controllers. The small size makes it easy to include in a new installation or even retrofit into an existing junction box. It can be used with any Class 2 power supply, 8-30V DC.

### Features

- UL Listed Class 2 dimming module.
- Enables 0-10V dimming of Class 2 DC power supplies.
- High 1kHz PWM frequency output to avoid visible flicker.
- Smooth dimming from 100% on to off.
- Fits into small spaces, including junction boxes.
- Handles up to 5A current, 8-30V DC.
- Can be controlled using widely available 0-10V dimmers and control systems.
- Typical efficiency of 97%.

### Applications

- Architectural lighting
- Effect and contour lighting
- General illumination
- Warehouses
- Signage
- Strip Light

