

# MedLux® XLIM Dimming Interface Module for third party control of XLS and GPI series MRI compatible LED Lighting Fixtures

The MedLux® XLIM Interface Module provides conversion from third party controllers that supply either a PWM (Pulse Width Modulation) or 0-10VDC dimming level signal. Output signals are low voltage, class 2 rated waveforms that comply with the proprietary dimming system used by all MedLux® MRI compatible lighting products.

## Specifications:

- Input Power:** 16VAC at 0.2A (5W max.), class 2 rated.  
Typically supplied by a standard “bell transformer”
- Output Power:** 0-12VDC proprietary waveshape, class 2 rated
- Input Signals:** 0-12VDC PWM, normal polarity (ON = 12V) or inverted polarity (ON = 0V)  
0-10VDC linear variable voltage level
- Connections:** Screw type terminal block, accepts up to #16 AWG wire
- Environment:** Operating temperature - 0°C to 60°C (32°F to 140°F)  
Storage Temperature - -40°C to 85°C (-40°F to 185°F)
- Emissions:** Meets FCC type A for radiated emissions  
**NOT FOR USE INSIDE THE MRI SHIELD**
- Physical:** 111mmL x 56mmW x 38mmH (4.37”L x 2.2”W x 1.5”H)  
**Mounting Centers:** 98mm (3.86”)

## Configuration Wiring:

