## 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:

| No Connect PWM  DC Control + 0-10V                        | Analog Voltage Control            |   |                |  |  |  |
|---|-----------------------------------|---|----------------|--|--|--|
| Voltage - COM SEL Jumper SEL Signal Out DIM A 16VAC 16VAC | No Connect DC Control + Voltage - | PWM<br>0-10V<br>COM<br>SEL<br>DIM B<br>DIM A<br>16VAC | Terminal Block |  |  |  |

| PWM Contro   | l - Norr                                       | mal            |
|--|--|----------------|
| Connection  F PWM Input +  No Connection               | Signal<br>PWM<br>0-10V                         | Terminal Block |
| No Connection  Voltage - No Connect Dimming Signal Out | COM<br>SEL<br>DIM B<br>DIM A<br>16VAC<br>16VAC |                |

| PWM Control          | l - Invei | rted                |
|----------------------|-----------|---------------------|
|                      |           |                     |
| Connection           | Signal    | Terminal Block      |
| r PWM Input +        | PWM       |                     |
|                      | 0-10V     | <sub>7</sub> Jumper |
| L Voltage -          | COM       |                     |
| No Connect           | SEL       |                     |
| <sub>F</sub> Dimming | DIM B     |                     |
| L Signal Out         | DIM A     |                     |
|                      | 16VAC     |                     |
|                      | 16VAC     | Ш                   |
|                      |           |                     |