

## **Lighting Control & Design**

Since 1987, industry's leader in digital lighting control products and software

### **NEW PRODUCT RELEASE**

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### **LC&D's Award-Winning MicroPhase™ Dims Standard and Low-Voltage Incandescent, Quartz, Neon and Cold-Cathode Sources**

(Los Angeles, CA – 1 Apr 2008) The MicroPhase™, from Lighting Control & Design, is an extension of the MicroPanel iDim. The compact, self-contained enclosure utilizes a single mode for phase dimming of (1) 20 amp f (2) 10 amp loads. Each module includes a backbox, heatsink, temperature sensor, a rugged 40 amp SSR package, toroidal filter and control electronics.

Although designed for architectural dimming, the MicroPhase™ wall-mount dimmer is engineered with the same quality standards demanded in performance industry dimming systems.

The MicroPhase™ has received the 2007 ADEX Gold Award for Design Excellence. Design Journal, the international trade publication for interior designers, architects and facility managers, sponsors the ADEX Awards, the largest and most prestigious awards program for product design of furniture, fixtures and finishes marketed to the design trade.

The MicroPhase™ features a space-saving design with 12 scenes and a dim rate of – 0 seconds to 99 minutes; is convection cooled, with no fans required, and dims standard and low-voltage incandescent, quartz, neon and cold cathode sources. Single 20 amp or Dual 10 amp capacities per module with Class II control circuit (0-10v) from MicroPanel-iDim.

The onboard thermal sensor provides over-temperature protection. Dual SCRs provide a symmetrical ac waveform at any output level from 0%-100% intensity. Low voltage components optically isolated and protected from line voltage damage. Minimum rise

time of 325 $\mu$ s (10%-90% full load) created by a toroidal, copper-wound, iron-core high performance choke on each dimmer.

The MicroPhase is U.L. listed and labeled for full load operation (no de-rating necessary).

Lighting Control & Design (LC&D) is the Los Angeles-based manufacturer of the 100% digital GR 2400™ lighting system, along with other digital lighting control products and software. Lighting Control & Design manufactures simple, yet flexible lighting controls.

The heart of LC&D's lighting controls is the GR 2400™ system: a single system ideal for any size application from a parking lot to a retail store to a high rise building. Our scalability eliminates complex choices. The GR 2400™ System is a 100% digital solution to lighting control.

LC&D offers a wide breadth of products ranging from dimming interfaces to building automation interfaces to digital thermostats all within a single system. The GR 2400™ system was developed as a complete vertically engineered package.

For more information: [www.lightingcontrols.com](http://www.lightingcontrols.com)