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## **V.I Chip, Inc. Announces New LED Constant Current Demonstration Board**

Andover, MA, May 27, 2008...V.I Chip, Inc., a subsidiary of Vicor Corporation (NASDAQ: VICR), has announced a constant current (CC) PRM™ regulator demonstration board for light emitting diode (LED) applications such as street & stadium lighting, high-end projectors, active outdoor advertising and architectural installations.

The board provides a precisely regulated current as required for direct-drive multi-LED applications where the intensity and brightness are controlled by regulating the current through the LEDs. The board can be used to provide adjustable current up to 240 W (5 A at 48 V) when employed as an standalone non-isolated source or can be combined with the range of VTM™ transformers to provide an adjustable isolated current up to 100 A.

“In terms of efficiency, a PRM+VTM pair uses less than 1W for every 1,000 Lumens generated by the LEDs for high performance applications” said Stephen Oliver, Vice President of Marketing and Sales. “This is a perfect complement to using the BCM™ bus converters with low voltage driver ICs for lower power applications such as LED TV backlighting.”

The CC board demonstrates the high power density of the PRM with current accuracy of 99.7% across the load range. The board has Kelvin connections for measuring the efficiency of the V.I Chip™ components independent of load connect losses. Oscilloscope probe jacks are available for measuring output voltage, including output voltage ripple. The board has fused PRM inputs, provision for mounting an optional V.I Chip pushpin heat sink, and system enable and disable.

The LED demonstration board (P048F048T24AL-CC) is priced at \$125 and is available from stock. To order, contact Vicor Customer Service at 800-735-6200 or e-mail [custserv@vicr.com](mailto:custserv@vicr.com).

For data sheets and more information on V.I Chip products, including application notes, demo boards, and User Guides, please visit the Vicor website at [www.vicorpower.com](http://www.vicorpower.com).

V.I Chip Inc. specifies, designs, manufactures and markets V.I Chip power components to enable next-generation power architecture in high-end computing, ATE, telecom, solid-state lighting, and defense electronics markets worldwide.

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