

PERMLIGHT

3/21/2004 Permlight Announces Sixth Key Patent Award for LED Systems

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Company Announces Award of Patent in the Area of Thermal Management and Mechanical Use

Patent Claims use Mounting Surface as Heatsink to Increase Brightness and Lifetime of Sign

Las Vegas, NV - LightFair Conference - March 30, 2004 -- Permlight Products, a leader in thermally managed LED systems used in the sign industry for illuminating channel letters, in safety and egress lighting for live and motion theaters, and in freezer/cooler fluorescent retrofit replacement products, announced today that it has been awarded U.S. Patent US 6,712,486 for "Mounting Arrangement of Light Emitting Diodes"

The patent describes Permlight's innovative technique for using LED Systems to light various systems including channel letters wherein the mounting surface serves as the heatsink for the Light Emitting Diodes:

"The present invention is in the field of light emitting diode (LED) lighting devices and more particularly in the field of an LED lighting module having heat transfer properties that improve the efficiency and performance of LEDs"

The performance of Permlight's heatsinking technologies and the importance of these technologies on next generation LED lighting systems is being presented at the Light Fair Conference in Las Vegas, NV Wednesday, March 31st at 2:00 PM - 3:30 PM in a presentation titled "LEDs...Innovation, Application, and Product Evolution" presented by Steve Johnson, Lighting Research Group Leader, Lawrence Berkeley National Laboratory Berkeley, CA and Nadarajah Narendran, Ph.D, FIESNA, Director of Research, Rensselaer Polytechnic Institute Troy, NY.

About Permlight

Permlight, a premier provider of energy efficient LED lighting solutions, designs and manufactures LED Lighting Systems and power supplies for indoor and outdoor applications. With its patented thermal management technology, the company provides products that are rated as the brightest and most cost effective systems in the industry.