

# NEWS RELEASE

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## **OPTO DIODE CORPORATION**

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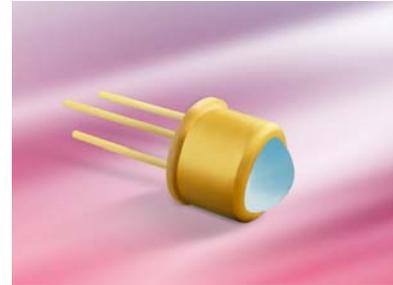
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*FOR IMMEDIATE RELEASE*

## **Opto Diode Introduces High Output Red LEDs**

**January 11, 2010 – Newbury Park, CA – Opto Diode Corporation**, a global supplier of advanced performance photodiodes and highly reliable, visible and IR LEDs, announces the new **OD-624L High Output Red LED**. The second product to be introduced in Opto Diode's high output light-emitting diode series has a dominant emission wavelength at 624 nm (typical) and features a narrow beam angle that is ideal for fluorescence in medical, scientific testing instruments, and forensic applications.

The new lighting device delivers total power output ranging from 80 mW (minimum) to 170 mW (typical). Under test conditions of  $I_F = 350$  mA, the peak emission wavelength is typically 635 nm and the spectral bandwidth at 50 percent is 40 nm.



Opto Diode offers the high output red LED in a hermetically-sealed TO-5 can with three leads. Under absolute maximum ratings at 25 degrees C, the continuous forward current is 500 mA, with reverse voltage of 10V. The lead soldering temperature (1/16 inch from the case for 10 seconds) is 260 degrees C, making this LED easy and convenient to install into new and/or existing lighting systems.

Thermal parameters for storage and operating temperatures range from -55 degrees C to 100 degrees C, with the maximum junction temperature at 115 degrees C.

Opto Diode's new high output red OD-624L LEDs are affordably priced at \$10.25 each (minimum order: 100 pieces). For more information, please visit [www.optodiode.com](http://www.optodiode.com).

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**Opto Diode Corporation** ([www.optodiode.com](http://www.optodiode.com)) based in Newbury Park, California, delivers high-performance, standard and custom photodetectors, and reliable, high quality infrared LEDs and visible LEDs. The company's domestic U. S. manufacturing plant includes a wafer fab and ensures

delivery of volume quantities at competitive prices with short lead times. Opto Diode's rigorous quality control standards meet their customer's strictest requirements in a variety of industries, including test & measurement, biotechnology, medical, entertainment, military/defense, industrial, aerospace, automotive, R&D and more.