

News Release

ILX Lightwave Corporation

31950 East Frontage Road
Bozeman, MT 59715
Tel: (406) 586-1244
Fax: (406) 586-9405

ILX LIGHTWAVE INTRODUCES AN EASY TO USE, LOW COST MOUNTING FIXTURE FOR TO-CAN LASER DIODES

BOZEMAN, Montana, April, 2009 - ILX Lightwave Corporation announces the release of the LDM-4405 TO-Can Laser Diode Mount with case temperature control. The LDM-4405 accommodates 5.6mm and 9.0mm TO-Can laser diodes with 3 or 4 pins. An integrated TEC module and calibrated 10k Ω thermistor in the LDM-4405 provide temperature control over a range of 10°C to 85°C. Standard ANSI and metric post mounting holes provide convenient mounting to standard optical table mounts.

Fixture design and a unique clamping method result in unobstructed access to the laser diode window for aligning collimating optics. The nickel plated cold plate provides repeatable low thermal resistance between the TO-Can laser diode and LDM-4405. The LDM-4405 also includes a nitrogen purge capability to allow for operating at low temperatures in a humid environment.

The LDM-4405 is designed for general laboratory use at universities and companies working with TO-can laser diodes. The mount is compatible with most ILX Lightwave modular and bench-top current sources and temperature controllers through interconnect cabling. When the LDM-4405 is combined with ILX Lightwave's laser diode drivers and temperature controllers it provides a convenient and affordable means for controlling TO-can laser diodes.

About ILX Lightwave Corporation:

ILX Lightwave is a market and technology leader in laser diode instrumentation and test systems for research, development, and manufacturing. ILX Lightwave customers include Fortune 500 corporations, national research laboratories, government, and educational institutions. ILX Lightwave is headquartered in Bozeman, MT. As an industry leader for over 20 years, ILX products offer customers the highest levels of performance and reliability. ILX Lightwave products are backed by over 60 application and technical notes and an extensive on-line knowledge base. For more information about ILX Lightwave, visit its website at www.ilxlightwave.com.

For further information contact:

Patrick Gale, Product Marketing Engineer

ILX Lightwave Corporation, (406) 556-2535, pgale@ilxlightwave.com