

**ILX LIGHTWAVE RELEASES HIGH VOLTAGE DRIVERS
FOR HIGH POWER LASER DIODES**

BOZEMAN, Montana, September 2007 – Eight new models have been added to ILX Lightwave's LDX-36000 Series high power laser diode drivers with higher QCW output current and higher compliance voltage. These sources combine high current output, precision measurement and control, with multiple levels of laser diode protection for safely testing high power laser diodes. Each source operates in CW and QCW mode with precision low noise current output and clean pulses. CW current output ranges from 10A to 125A, and QCW from 20A to 220A with compliance voltages from 10V to 70V.

These current sources are designed specifically for use with high power laser diodes and provide multiple levels of laser diode protection including adjustable voltage and current limits, output shorting relays, and low operating and power line transients. In case of a device failure with multiple devices connected in series, low overshoot and closed-loop power supply control ensure the remaining devices are protected from transients. A thermistor based temperature monitor provides additional protection through a programmable temperature limit which can be used to disable the laser output when the limit is exceeded.

The LDX-36000 Series intuitive front panel is designed for quick and easy operation. Laser diode current, voltage and temperature limits along with pulse mode parameters such as pulse width and duty cycle are quickly and easily set.

Developed for automated high power laser diode testing in CW or pulse mode, precision control and measurement and on-board data storage make these drivers ideal for fast, accurate testing of laser diode bars, stacks and arrays in R&D and manufacturing applications.

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 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:

Thad Orosz, Instrumentation Product Manager

ILX Lightwave Corporation, (406) 556-2559, torosz@ilxlightwave.com