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Quintessence Photonics Corporation releases 1.5 Watt 980 nm single mode BrightLase™ semiconductor lasers

(SYLMAR, CA) January 20, 2006 — Quintessence Photonics Corporation, a world leader in the design and manufacture of high brightness, high power semiconductor lasers, announced the release of 1.5 Watt 980 nm single transverse mode single emitters.

These C-mount products feature industry leading single mode power from a diffraction limited beam. To ensure the ruggedness of the product in the broad range of customer applications, QPC's products are manufactured with state-of-the-art hard solder processes and mounts having coefficient of thermal expansion closely matched to the semiconductor laser die.

"This addition to the BrightLase™ family offers customers the efficiency, compactness, and cost effectiveness of direct diode technology with the excellent beam quality only previously possible from more costly CW gas, solid state, or fiber laser technology. These devices are an excellent engine for conversion to the visible for applications such as display and instrumentation. Additionally, these devices are ideal for direct CW materials processing and core pumping of pulsed fiber lasers." Paul Rudy, Vice President of Marketing and Sales at Quintessence, commented.

About Quintessence Photonics Corporation

Quintessence Photonics Corporation is a world leader in the development and commercialization of high brightness, high power semiconductor lasers for the industrial, defense, and medical markets. Founded in the year 2000, Quintessence is vertically integrated from epitaxy through packaging and performs all critical fabrication processes at its state-of-the-art high-technology facility in the Los Angeles suburb of Sylmar, CA. For more information, please visit www.qpclasers.com or contact George Lintz at (818) 833-4668 or by email at info@qpclasers.com.