

**FOR IMMEDIATE RELEASE:  
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**Quintessence Photonics Corporation releases new line of BrightLase™ fiber coupled single emitter semiconductor lasers**

(SYLMAR, CA) October 7, 2005 — Quintessence Photonics Corporation announced the release of a new line of high brightness, high power, fiber coupled single emitter lasers utilizing its proprietary BrightLase™ semiconductor laser technology.

These 4W, hermetically sealed, 8-pin fiber coupled single emitter products feature industry leading brightness, power, and reliability from 100um core diameter 0.15NA or 0.22NA fiber at 808nm, 885nm, 915nm, and 976nm. To ensure the ruggedness of the product in the broad range of customer applications, QPC's fiber coupled single emitters are manufactured with state-of-the-art hard solder processes and mounts having coefficient of thermal expansion closely matched to the semiconductor laser die. For applications requiring additional integration, a thermistor and internal photodiode are available.

"The release of our fiber coupled single emitter products delivers the advantages of QPC's BrightLase™ technology to customers requiring fiber coupling for end pumping and other direct diode applications in defense, industrial, and medical markets," 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.qpc.cc](http://www.qpc.cc) or contact George Lintz at (818) 833-4668 or by email at [info@qpc.cc](mailto:info@qpc.cc).