

1000-lumen Projector with Wavien Engine

Written by Bob Snyder
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On its InfoComm stand, Wavien showed a production prototype of a 1000-lumen projector to be manufactured and sold by AAXA Technologies, Inc. This new projector uses Wavien's proprietary DPR light engine, and Wavien claims it "outperforms LED projectors by producing 1000 lumens of brightness and a lifetime of 25,000 hours at the cost of a conventional desktop projector."

AAXA, founded in 2008, is a developer and distributor of a new class of projector known as "micro" projectors and "pico" projectors.

"Wavien's DPR light engine provides a maintenance-free light source for projectors suitable for home theater/gaming applications, classrooms and small conference rooms. It outperforms LED projectors, providing a higher output, smaller footprint and longer lifetime, at a lower cost," states Dr. Kenneth Li, President and CEO of Wavien, Inc., who is also the inventor of the DPR technology.

"The maintenance-free features of LED and hybrid projectors created expectations in consumers that all state-of-the-art projectors should use those technologies. We have identified a void in the market for affordably priced projectors with a screen brightness of about 1000 lumens. LED projector outputs are too low, and hybrid projectors are costly," adds Gary Huang, VP Sales and Marketing at AAXA.

Wavien, based in California, is a technology licensing company developing long-life, high-performance light sources and engine prototypes for the projection and general lighting industries. Wavien currently offers its unique "Dual Paraboloid Reflector" ("DPR") technology using ultra-high-pressure arc lamps for education and business uses, and xenon lamps for

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cinema projectors.

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