

First Lamp-Free 1080p with Liquid Cooling

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"Chilin..." what a great name for a company making its way in OEM on its liquid cooling technology.

A new Chilin Technology projector features Luminus PhlatLight LED in place of a conventional UHP lamp, as well as the latest Texas Instrument 1080p (1920x1080) DMD technology. The projector requires a thermal management system that breaks with tradition: so meet the first Lamp-Free Full HD Home Theater Projector with liquid cooling on the market.

With 600 ANSI lumen and >100,000:1 contrast ratio, Chilin says it can deliver 128% NTSC color gamut, 80% greater than conventional UHP projectors.

The Phlat Light LEDs operate at a high electric current of 30A with far higher heat density than current LED application. Chilin's liquid cooling technology dissipates heat directly by water to keep the PhlatLight LEDs at a consistent, low temperature. This technology allows "no lamp replacement". Chilin expects to achieve up to 50,000 hours under its liquid cooling technology.

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