

# **SUPERB UV-POWER AND STABILITY WITH VISITECH'S NEW DUAL-LED, LIQUID-COOLED "WORKHORSE" PROJECTOR**

*Posted on September 8, 2021*



**Visitech's highly regarded LED UV projection module is now available with a Dual LED light source in an LC (Liquid Cooled) configuration – the LUXBEAM® Rapid System LRS-WQ DL LC.**

Their new development is more powerful than any other UV projector on the market, directly resulting from Visitech's ongoing pursuit of higher power in high-resolution systems. Ideally suited for static, high-resolution 3D printers with large build areas, this module expands the LRS-WQ line, setting the industry standard for reliability, long lifetime, and low cost-of-ownership.

An LC-version of the single LED projector is also available (LRS-WQ SL LC), sharing the liquid

cooling benefits of its more powerful brother.

## **Stability for micro 3D printing**

The main advantage of liquid cooling is improved temperature control of the LED light source, enabling higher efficiency – thereby achieving higher UV power. In addition, it gives you vibration-free operation, which improves image stability and print quality. When configured with small magnification lenses, Visitech's stable system is particularly well-suited for micro 3D printing.

The configurable Dual LED system gives you the options of power-boosting a narrow wavelength area around 405nm or 385nm or simply combining different wavelengths that benefit specific applications. The new configurations are backward compatible with existing software methods, which provide a robust network ethernet interface for system control and monitoring.

## **Performance and throughput**

As the most compact projector in its class, the LRS-WQ LC enables machine builders to achieve space-saving machine footprints. Available with a wide array of projection lenses, ranging from 2- to 130-micron pixel pitch in image, the projector provides the best image performance and power throughput in near-UV wavelengths.

Want to further explore how to enable your 3D print machines with our liquid-cooled performance projectors? Get in touch with our experts!

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