



The power behind the picture

Learn more about the potential
of ultra-high-performance lamps



Bring every digital moment to life

It's time to amaze your customers with crystal clear images that jump off the screen. Ultra-high-performance (UHP) lamps are the power behind pictures with incredible colors and crisp contrast. But they offer more than just a wow factor. They shine bright, last long, and have excellent light quality with a low cost of ownership. So you can guarantee your lamp systems will have outstanding brightness over the longest lifetime.

Designed to last

We know that good lamp operation is crucial in projection applications. Your business depends on it. It's the reason we design our UHP lamps and drivers as one combined system solution. This unique approach means we can co-ordinate extensive system release testing during development. This results in high efficient, high quality and proven long operating life.

Guaranteed reliability

Our low voltage UV-Enhancer/Ignition technology also makes ignition far more reliable. There's no need for high voltage insulation or cables so you can use smaller, more cost-effective electronics.

Perfect picture quality

UHP drivers also offer something that no others can. They can control the discharge arc by pulse current operation. Our UHP lamps are combined with high voltage ballast. Together this ensures a flatter-free picture on the screen with excellent color reproduction for the most incredible projection experience possible.

Outstanding brightness

Our culture of continuous development means our ultra-short arc lighting solutions are combined with efficient optical reflectors. The result is pictures with outstanding brightness. Add to that an optimized color spectrum that is stable throughout its lifetime, and you can create an incredible viewing experience that will really amaze your customers.

Driving smarter operations

Our advanced drivers also feature universal asynchronous receiver/transmitter (UART) technology. On a system level, that means your projectors will benefit from more light through better efficiency, 20% better contrast, minimal acoustical noise, and a lamp replacement warning. All great selling points for customers.

The power behind more pictures

UHP lamps are the ideal lamp source for projectors in the office, education and home segment because they have the highest light output. Meaning you get our wow factor for the widest range of applications.

A word about safety

Please note, UHP lamps operate under high pressure (200–250 bar) and extremely high temperatures and must be handled with care. Use bespoke cages to suit the exact requirements of your projector model, housing the lamp accurately for safe and easy replacement.

Find the perfect lamp

Discover the perfect lamp module for your projector design. Go to our online tool at www.signify.com/lamptool or contact your local Signify representative.

Ultra-high-performance

- Perfect stable color spectrum and picture quality over the longest lifetime
- Outstanding brightness thanks to ultra-short arc lighting and very high pressure
- Smart, efficient operation with better contrast and minimum acoustical noise
- Create the smallest, lightest projection designs while maintaining optical brightness
- Easy to design in with no high voltage insulation or cables needed





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