UV Curing Lamps

UV Curing Lamps – Standard and Customized Solutions

LightSources and our strategic partner, LightTech, offer OEMs of any size a broad range of the finest standard and custom-designed UV curing lamps and components. As international front-runners, our lamps incorporate cutting-edge UV light technology and offer OEMs patent-protected solutions. Our line of products includes low pressure lamps, medium pressure (MPUV) lamps and amalgam UV curing lamps that produce no hazardous byproducts and offer lower operating costs than traditional heat-based curing systems. Used for curing adhesives, bonds, resins, and inks as well as a variety of other finishes, our lamps are cost-effectively being used throughout the world.

LightSources manufactures three main types of UV Curing Lamps:

- Medium Pressure UVA Curing
- High Pressure Curing Lamps
- Low Pressure UVC Amalgam Curing

UV Curing Lamps with Innovative, Patented Technology

At LightSources and LightTech, our low pressure UV curing lamps are a perfect solution for applications that require dimming and need much less power than medium pressure lamps. They use a wavelength of 254nm. Additionally our MPUV lamps are an efficient way to produce higher currents when you want to create a higher UV output, and are the ideal option when a higher intensity of UV light is needed for shorter exposures. They operate in a wavelength range of 367nm to 400nm. This means that one of our 36” UV curing lamps is capable of producing between 100 to 700 watts per inch and can create a total wattage of 3,600 to 25,200.

Another benefit that LightSources and LightTech offer is the opportunity to work with a highly experienced team. Customization is our specialty and we invite you to explore the possibilities of your own lamp design. It’s all up to you. We can work on a NEW lamp design or a variation of an existing lamp design. Our expert engineers will help you to custom-design a system to meet all of your specifications. Along with our customized lamps, we also offer proprietary and patented base solutions to help keep our clients competitive in their respective global markets. Our UV curing lamps offer OEMs across the globe high-quality standard and custom products, reduced lead times, and unmatched innovation.

LightSources and our affiliated companies represent the leading high-tech designers and manufacturers in the lamp industry today. In addition to our high-quality standard lamps and components, we specialize in customizing the best solution and technology to meet our partner’s unique needs. Please contact us to discuss your company’s needs for top-quality UV curing lamps.