



Advanced LED UV

Curing System



Energy-Efficient

Savings in electrical energy can exceed 70%



Production Efficiency

Instant On/Off without any waiting time, higher curing speeds



Lower Maintenance

Longer lifespan and stable working, less consumable parts



Eco-friendly

Ozone-free operation makes eco-friendly and human health

Specification

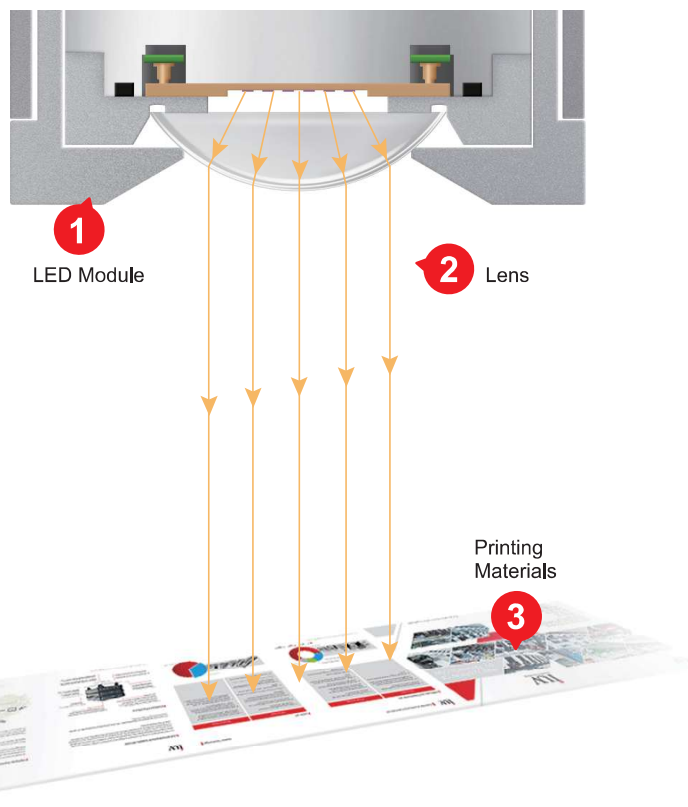
UV Energy	18w/cm ² 、25w/cm ² 、30w/cm ²
Lighting Length	10 - 200cm
Peak Wavelength	365nm / 385nm / 395nm
Cooling Method	Water Cooling
Expected Lifetime	>30000 Hours
Working Temperature	Below 40°C



About IUV's Innovation of LED

IUV LED UV light box utilizes design of a precision optically designed quartz lens and aluminum nitride ceramic layer both plays a critical role in achieving high quality, efficient and reliable curing performance at printing industry.

It is able to meet the stringent requirements for UV high energy curing performance. The optically designed quartz lens improves LED UV curing performance and speed by more than 20%.



Applicable Applications:

● Printing Industry

Digital, flexographic, screen and offset printing benefit from fast curing, resulting in increased production speeds, printing equipment effectiveness and higher quality finished prints on various types of materials.

● Coating Industry

UV LED curing systems can be used for a wide range of functional and aesthetic coatings, guaranteeing both fast drying and reduced energy consumption to empower clients' business demands.

● Converting Industry

Laminating, adhesive applications and other processes utilize UV LED technology to improve curing efficiency and cost-effective quality.



Maximum Savings On Printing

IUV LED UV systems can save you 70% on electricity costs and 80% on after-sales maintenance. And the client won't have to deal with the high cost of replacement parts.



High Productivity On Process

IUV LED UV systems offer instant On/Off capabilities, eliminating the need for warm-up and cooling periods. Moreover, the whole curing system is automated and software-controlled, dynamically adjusting energy output and operation based on the printing machine's status and speed in real time.



Sustainability On Print Development

Embracing environmental health, LED lighting's low-energy consumption significantly reduces greenhouse gas emissions and is free from harmful substances like mercury and lead, minimizing environmental impact.



Environmentally Friendly

UV LED do not contain mercury or other harmful substances and do not produce ozone, making them a safer and more sustainable choice.



Less Input On Maintenance

LED UV lamps offer over 30 times the lifespan of traditional mercury lamps, with minimal light degradation and no loss in efficiency from frequent On/Off, ensuring low maintenance costs and reliable performance.

