



Compact, Flexible and Powerful to reduce your manufacturing costs

Power
LED Irradiation
Up to 8000 mW/cm²

Latest UV LED generation

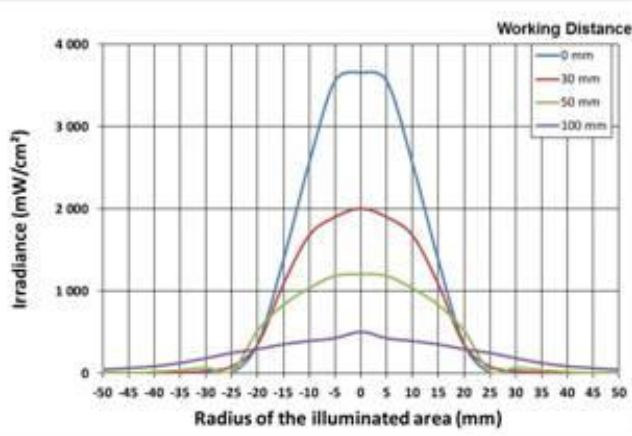
Wavelength
365, 385, 395 or 405 nm

Wide range of UV curing
applications supported

Flexibility
UWO™ Technology included

Light losses reduced

UWO™ Technology to enhance irradiance and optimize production time



UWAVE has developed a real expertise in the use of optics. Great compactness and power are the two main features of the **USPOT™**.

The UWO™ (UWAVE Optics) technology is a new way of using optics to reduce losses and manage the light.

Thanks to a great thermal management and an optimized optical design the **USPOT™** takes full advantage of the new UV LED generation efficiency.

Its power and flexibility make it an indispensable product for efficient manufacturing.

Examples of Use

The **USPOT™** is designed to be easily integrated in a manufacturing process.

This product is perfectly fitted for domming, poting or bonding applications in automated processes.

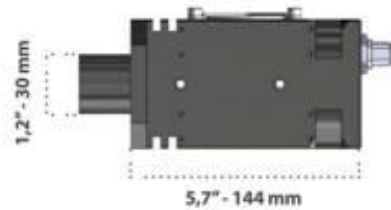
You can position the **USPOT™** as needed to send the UV light exactly where it is efficient.

In that way you can optimize your manufacturing processes.



Curing of conformal coating Gluing of a needle onto a syringe

Dimensions



Advantages of UV LED Technology

The **USPOT™** can be switched on and off as often as necessary and has much higher output power stability than other technologies.

UV LEDs do not emit infrared radiation, thus heat sensitive materials can be processed. UV LEDs are eco-friendly as they do not create ozone, do not contain mercury and only need a few watts to operate.



Technical Information

Wavelength	365 nm	385 nm	395 nm	405 nm
Max Irradiance	3300 mW/cm ²	3650 mW/cm ²	3650 mW/cm ²	3650 mW/cm ²
Electrical Power Input	~ 50 W			
Main Supply	24V DC			
Weight	800g			
Part Number	USPOT-XXX			

XXX = Wavelength in nm

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