



**Compact & Powerful** UV LED spot to speed up processes

**Power**  
Up to 3650 mW/cm<sup>2</sup>

**Technology**  
UWAVE Know-how

**Wavelength**  
365, 385, 395 or 405 nm

Latest UV LED generation

◆ FUSION DRIVE™

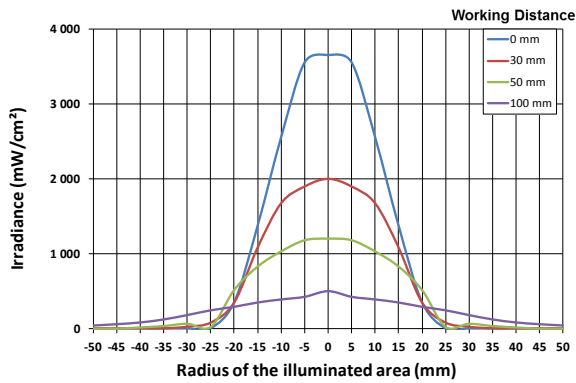
Wide range of UV curing applications supported

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## High irradiance even at high working distances



## Optimized production time

**3650** mW/cm<sup>2</sup>

Thanks to the **USPOT™** different processes with different working distances could be matched efficiently in order to increase your productivity.

Moreover its high power combined with smart optical systems allow a great and reliable productivity.



### FUSION DRIVE™

**UWAVE** has designed its products in order to fit OEM and SI requirements.

Thanks to this technology, it is possible to control the **USPOT™** directly from the PLC (Programme Logic Controller). Many options are available such as the temperature monitoring, the control of the UV irradiance and the time of insolation.



### UWAVE Know-how

The **USPOT™** leans on **UWAVE** expertise.

With its integrated optical system, this solution allows very high working distances (several dozens of centimeters) while maintaining a high output UV power.

It also performs very well in curing high-precision dots of glue and coating, over large thicknesses. The losses of UV irradiance are greatly reduced.

## Examples of applications



UV curing of glues for the cosmetic industry.

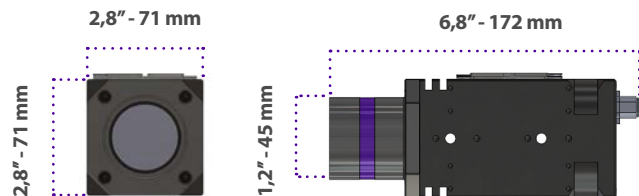


UV assembly and encapsulation in opto-electronics.



UV curing for coatings and resins in the electronic field.

## 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 <sup>2</sup>	3650 mW/cm <sup>2</sup>		
Electrical Power Input	~ 50 W			
Main Supply	24V DC			
Weight	800g			
Part Number	USPOT-XXX			

XXX = Wavelength in nm



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