



Water-cooled UV LED system reaching **16 W/cm²**

Power

Up to 16W/cm² at
385, 395 or 405 nm

Latest UV LED generation

Technologies

UWAVE Know-how

 FUSION DRIVE™
 SWITCH BOOST™

Wavelength

365, 385, 395 or 405 nm

Wide range of UV curing
applications supported

Great power to enhance your production time

Thanks to these technologies, the high power of the **ULINE™** will be easy to control and to replace.



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 **ULINE™** 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.



SWITCH BOOST™

This technology allows manufacturers of machines to change only the core of the product: LEDs. From now on it will be possible to realize an UV LED source maintenance quickly, simply and at low cost.

Recent technological developments allow the LEDs to double their performance every two years. So, by changing the LEDs of the **ULINE™**, which is equipped with **SWITCH BOOST™** technology, your product will remain at the forefront of technology.

Examples of applications



UV screen printing and curing adhesives for the cosmetic industry.



Ink-printing on any kind of surface.



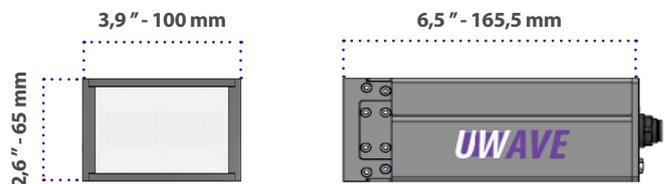
UV curing of varnishes and paints on automated processes.

Chiller - Water Cooling

The **ULINE™** is a water cooled product. Thanks to that the product will have a better stability and temperature control over time.

Water based products need less maintenance and allow powerful UV irradiance in a compact system.

Dimensions*



**Dimensions are given for a ULINE™ of 75mm. Contact us for other available lengths.*

Advantages of UV LED Technology

The **ULINE™** 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	14 W/cm ²	16 W/cm ²		
Length	75, 150, 225, 300mm or more			
Cooling	Water			
Electrical Power Input	~500W for ULINE-XXX-YY-0075			
Main Supply	48V DC			
Part Number	ULINE-XXX-YY-ZZZZ			

XXX = Wavelength in nm
YY = Max Irradiance in W/cm²
ZZZZ = Optical length



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