



LED-Overview

Hönle UV LED units

High-performance units for the curing of inks, varnishes, adhesives and pottants.

LED Spot

LED Spot W

LED Spot 100

Bluepoint LED

LED Power Pen

LED Pen

LED Powerline LC

LED Powerline IC

Hönle UV LED Units



LED Powerline

The LED Powerline is a high-performance array for intermediate curing (pinning) and final curing for printing applications. Other applications are the curing of varnishes or UV reactive adhesives and pottings.

With its low weight and small dimension the LED Powerline can be integrated in the smallest interspaces. The water-cooled unit is appropriate for being used in a clean room.

The max. length depends on the application. The LED Powerline is available in wavelengths of 365/375/385/ 395/405 nm.



LED Spot

The LED Spot has been developed for all applications requiring a most intensive UV irradiation on a larger area. Thanks to its high intensity and the possibility to program complete process sequences, e.g. exposure series with different intensities and holding times, shortest cycle and machine throughput times can be realized, especially in fully automated production lines.



LED Spot W

The LED Spot W provides a most intensive UV irradiation on a larger area, while having only very small space requirements. Thanks to the external water cooling the extremely small device design offers the highest intensity. As the LED Spot does not require an integrated fan, it can also be used in a clean room environment.



LED Spot 100

Due to a singular LED assembly and electronic power control the LED Spot 100 guarantees a high intensity as well as a homogenous distribution of light on larger areas.

The square light emitting apertures has a size of 100 mm x 100 mm, which can be considerably increased by changing the distance to the substrate. Additionally, it is possible to connect several LED Spots 100 without gaps – and thus irradiate areas of any size required.

Recognition of LED-malfunction as well as comprehensive monitoring functions provide for a very high process stability.



Bluepoint LED

bluepoint LED has been developed for all applications requiring a most intensive punctual UV irradiation. The emitted wavelengths are 365/385/400 nm +/- 10 nm. It is thus possible to adapt the intensity to any application in question.

Up to four LED heads can be connected to the operating unit. Each LED can be activated separately. bluepoint recognises autonomously the type of LED and automatically adapts the parameters.



LED Power Pen

By using an unique lens-system this high-performance version of the LED Pen offers a focused UVA intensity of 7.500 mW/cm² (in 12 mm distance to the irradiation exit).



bluepoint LED control and operation

This control unit is applied for small LED units as well as for LED point sources. Four independent LED channels, a PLC interface and the possibility to program complete sequences make the control unit highly flexible and thus perfect for fully automated production lines but also for manual operations.



LED powerdrive

The **LED powerdrive** is a high-power and highly efficient driver for operating Höhle LED units. Comprehensive monitoring and diagnostic functions as well as an instant reaction PLC interface allow an reliable operation, also for clocked applications. An additional foot-switch port is available for manual operations.



LED Controller

Compact and efficient supply and control module for top hat rail mounting. According to the application it is possible to combine several modules to supply bigger LED units. Comprehensive diagnostics, a compact and robust design as well as a flexible applicability characterize this deliberate OEM module. Optional the control unit is available with a visualisation display which offers the operator an overview over the actual operating mode of each LED unit.

For more information about our comprehensive LED product range please see our product flyers on www.hoenle.com.

hönle group			Curing	Drying	Bonding	Potting	Measuring		
aladin	eleco-efd	eltosch	grafix	hönle	mitronic	panacol	printconcept	raesch	uv-technik speziallampen