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## NEXT-GENERATION LED HEADS FROM HOENLE

**UV technology manufacturer Hoenle introduces a new generation of compact LED heads for its bluepoint LED eco UV curing system. The redesigned heads combine significantly enhanced performance and reduced dimensions, while they can be easily connected to existing bluepoint LED eco devices.**

The upgraded LED heads of the bluepoint LED eco are now even more compact. With a diameter of just 12 mm and an overall length of only approximately 55 mm, depending on the optic used, they are ideally suited for extremely tight installation spaces without compromising thermal performance. The compact new LED heads can not only be connected to existing bluepoint LED eco devices, but also serve as a drop in solution for other common curing systems with the same dimensions.

Delivering intensities of up to 20,000 mW/cm<sup>2</sup>, the new LED heads are available in wavelengths of 365, 385, and 405 nm. They can also be equipped with a 90° deflection head, enabling effective irradiation in hard-to-reach areas or confined installation environments.

A range of optical lenses is available for the new LED spot heads, covering irradiation diameters of approximately 3, 7, 10, or 20 mm. This allows simple and precise adaptation to specific application requirements. A 10x2 mm optic has recently been added to the portfolio. This optic delivers maximum intensity distributed homogeneously along a line of roughly 10 mm, enabling irradiation of narrow gaps. A typical application is active alignment. Other applications for the bluepoint LED eco include curing uv adhesives and potting materials in a wide variety of manufacturing processes – for example, bonding optical components, needle bonding of disposable syringes, producing glucose sensors, or fixing and encapsulating electronic components.

In addition, the bluepoint LED eco now offers enhanced machine-safety functionality. The system can be connected to production equipment via an integrated interface and includes a signal input that ensures the LEDs are reliably switched off in accordance with current safety standards. This is a critical safety feature, particularly for fully automated production lines, and provides reliable protection for machine operators.

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Sparkasse Fürstenfeldbruck  
IBAN DE56 7005 3070 0031 1819 10  
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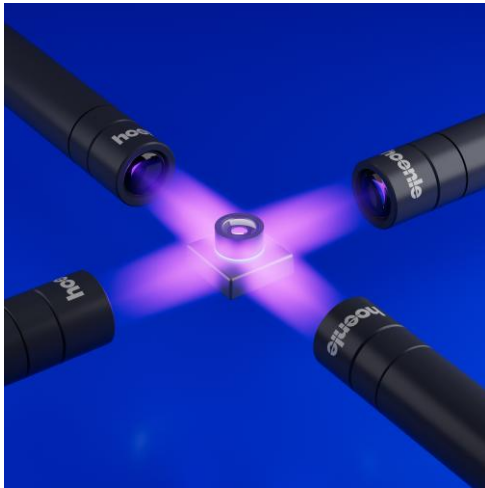
Commerzbank AG  
IBAN DE36 5008 0000 0430 0452 00  
SWIFT-BIC DRESDEFFXXX

ISO 9001  
DE AEOC 128330



## ABOUT HOENLE:

*Hoenle AG, parent company of the Hoenle Group based in Gilching near Munich, has been one of the world's leading suppliers of industrial UV technology since its foundation in 1976. The business activities of the listed UV company include the development, production, and worldwide distribution of UV/LED UV systems and equipment, UV lamps, and UV measurement technology in particular. The Adhesive Systems business unit specializes in manufacturing of industrial adhesives with a broad product range from UV adhesives to structural adhesives and conductive adhesives, as well as matching UV curing equipment.*



### **Caption:**

The compact LED UV heads of the bluepoint LED eco are particularly suitable for curing adhesives in active alignment.

**Photo:** Hoenle

**Note:** The photographic material may only be published in connection with the associated press release.