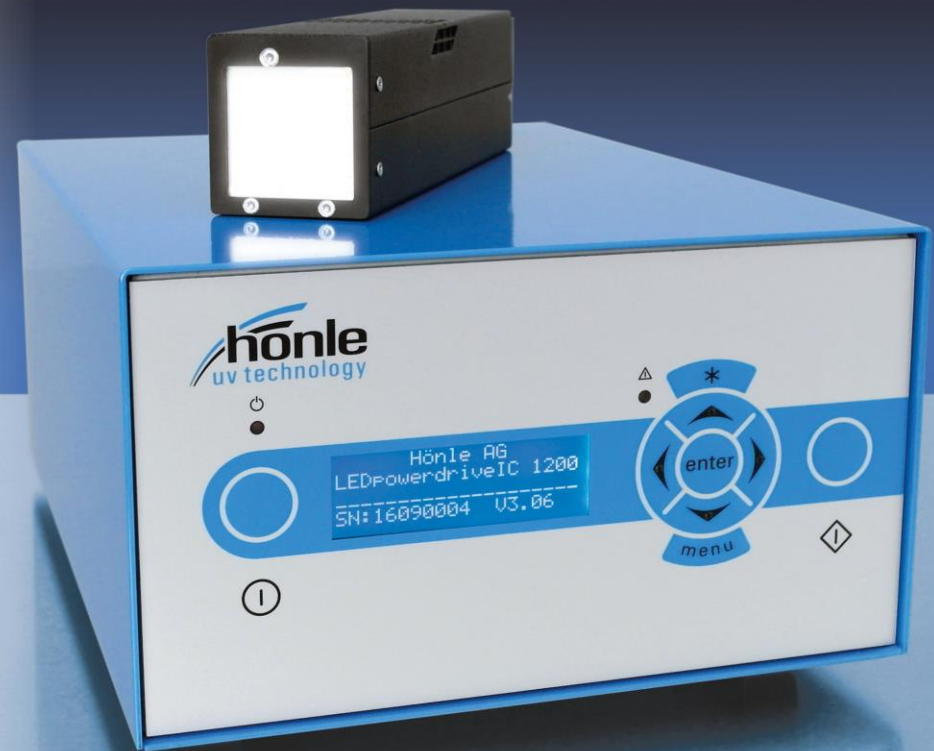


Hönle Spot 40:

Compact

LED-UV flood unit

with high intensities



UV specialist Hönle develops LED Spot 40 IC for curing smaller areas

The **LED Spot 40 IC** (Integrated Controller) was developed for applications where the emitted light of a LED point source is just not wide enough for a completely uniform cure, and a standard flood unit would be oversized. The compact **LED Spot 40 IC** is perfectly designed for smaller areas where the high intensity LED emitter provides reliable, consistent and homogenous curing. This LED-UV device can be selected to emit light in the wavelengths 365, 385, 395, 405 and 460 nm, to suit the specific material being cured.

Its square high intensity light-emitting aperture has a size of 40 mm x 40 mm at a base of only 55 mm x 50 mm. This compact design allows the unit to be used effectively in the smallest spaces. In addition, an integrated cooling fan and an optimized air flow enable the unit to operate continuously for prolonged periods making it suitable for automated or semi-automated production

The advanced control electronics integrated into **LED Spot 40 IC** not only provide for reliable, trouble-free operation but also offer comprehensive monitoring including the recognition of LED-malfunction. The benefits of curing with UV LED light sources over conventional UV lamps is well known - giving better efficiency and reliability due to their extended lifetime and low power consumption - this ensures the ultimate process control.

The power supply and control of the **LED Spot 40 IC** can be performed either by the optionally available **Hönle LED Power Drive IC**, or by an external power supply and PLC (programmable-logic controller) signals. Only 48 volts are required to power the LED Spot 40 IC unit.

The LED Spot 40 IC unit is suitable for fast curing of a wide range of UV adhesives, encapsulants and coatings used in applications such as electronics, medical devices, and optics.

▶ [*Click here for more information on LED Spot 40 IC*](#)