

LightGuide pureUV

+ 50% higher peak

+ 10% more curing performance

- 15% lower temperature load

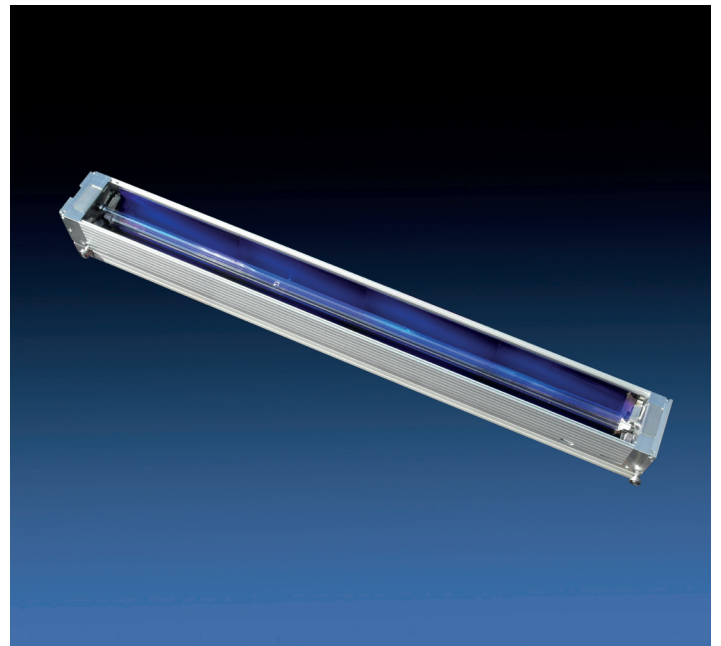
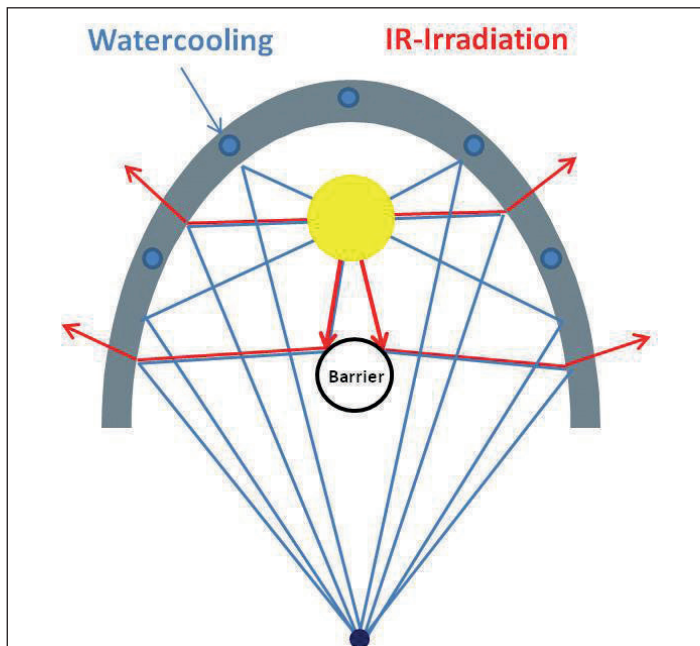
System-Features

- High UV intensity
- Compact design
- Fast UV lamp exchange
- Removeable heat barrier

Advantages

- 15% lower temperature load
- 50% higher peak intensity
- Improved gauge-pins at film printing
- High energy efficiency
- Improved drying at high ink coverage

LightGuide pureUV– new UV dryer generation



LightGuide pureUV

The advantages of this accomplished further development are based on the fusion of the pureUV-technology with the LightGuide. Thereby the so far water-cooled barrier was replaced by a quartz glass tube. This combination results in a more than **50% higher peak intensity** and **10% more curing performance** – at a **15% lower temperature load!**

The compact, powerful and energy-saving UV system enables quick and reliable curing of coatings and inks even on **temperature-sensitive substrates**.

It's „quick-change“- technology makes it easy to maintain: a plug base is integrated into its housing to guarantee a fast UV lamp exchange.

Features

- Focused reflectors provide high intensity for high ink coverage
- Dichroic coated reflector sheets for reduced temperature of the substrate
- With heat barrier up to 15% lower temperature load at the substrate (e.g. for film printing and other heat-sensitive substrates)
- UV lamp performance up to 240 W/cm
- Compact dimensions for easy machine integration
- Easy to maintain due to simple UV lamp exchange
- Optimization of the curing by UV lamps with adapted spectra (e.g. for opaque white)