

## LightGuide pureUV

**+ 50% higher peak**

**+ 10% more curing performance**

**- 15% lower temperature load**

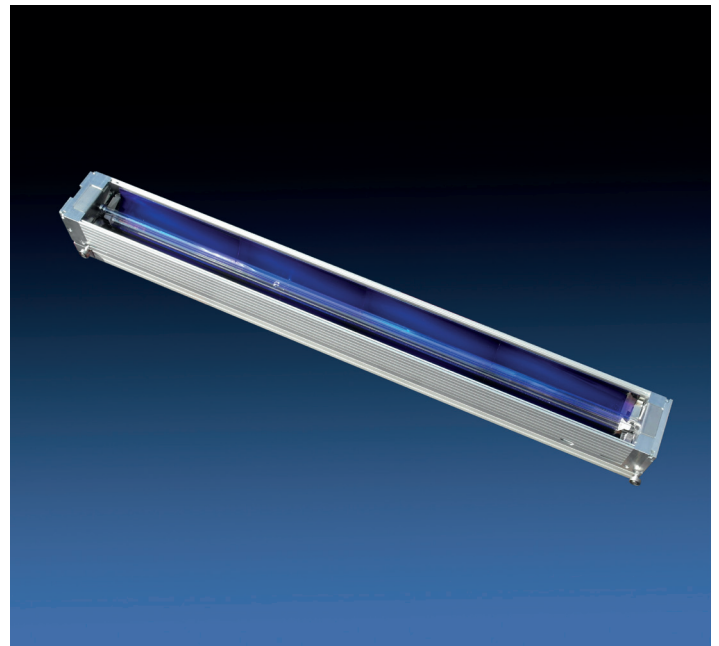
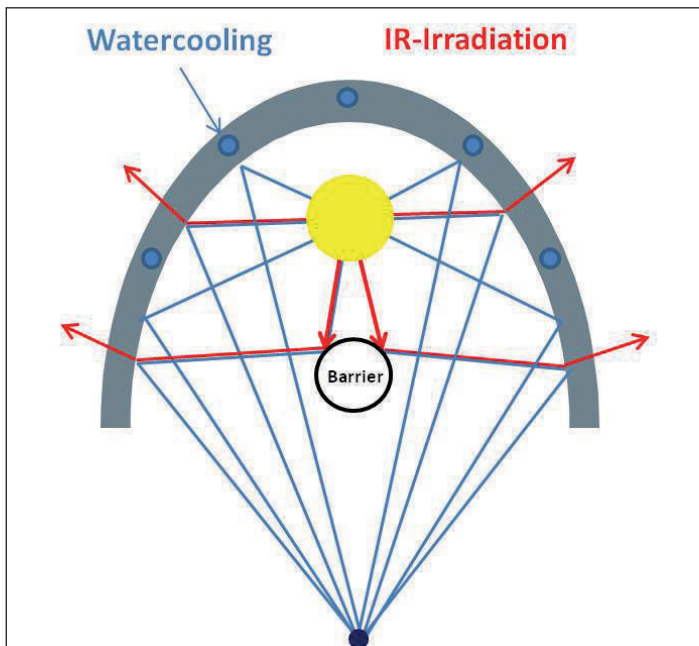
### System-Features

- 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



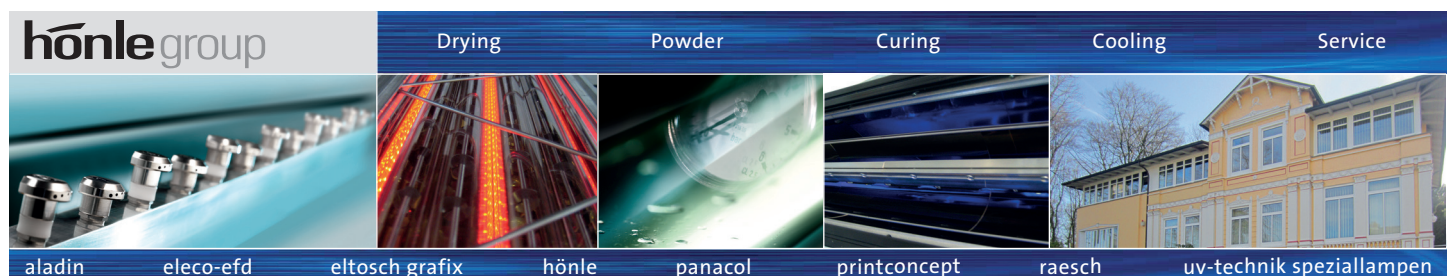
### LightGuide pureUV

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)



Eltosch Grafix GmbH, Fahltskamp 64, 25421 Pinneberg, Germany  
Phone: +49 4101 5150 700, Fax: +49 4101 / 5150 729. [www.eltosch-grafix.com](http://www.eltosch-grafix.com)

Operating parameters depend on production characteristics and may differ from the foregoing information.  
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