LED POWERLINE FOCUS

LED-UV, WATER COOLED

For all sheet-fed and web print applications.

FEATURES

- Almost distance- independent high intensity due to focusing optics
- Format shutdown due to modular design
- No standby
- No warm-up phase
- „Quick-Change"-plug-in module
- Compact design

BENEFITS

- Low energy consumption
- Reduced temperature load on the substrate
- High efficiency
- Long lifetime of LEDs
- Ozone-free
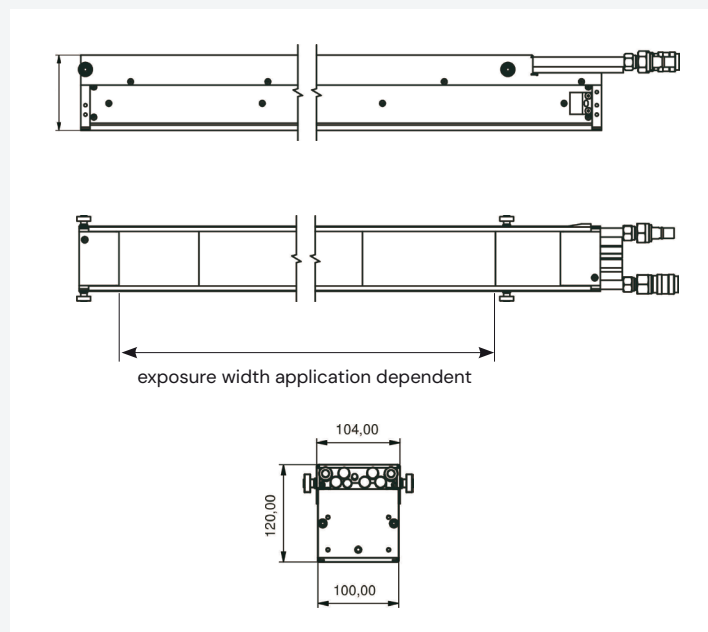- Mercury free
- Easy maintenance

LED-UV HIGH-PERFORMANCE DRYER FOR SHEET-FED AND WEB PRINTING

Based on our experience from thousands of LED-UV installations for various applications we have now developed a new powerful LED-UV system designed especially for the installation in sheet-fed and web printing presses. The system is adapted to the special press requirements such as higher installation distances to the printed sheets. The special focusing optics provides high intensities and leads to excellent curing results even at high printing speeds. The service-friendly plug-in technology of the compact UV module allows the easy and individual positioning in the printing press and offers a high level of flexibility.
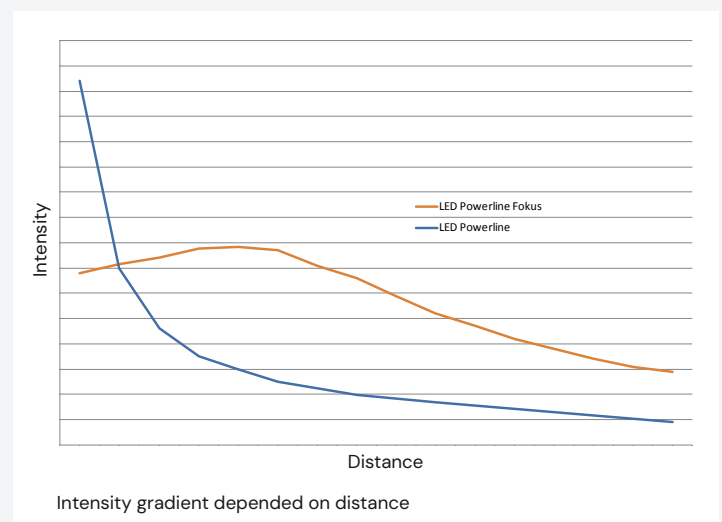
FEATURES

- Significant energy savings
- Low warming of the substrate – thus no registry
- problems and low pile temperatures
- High efficiency and high intensity provide excellent curing results
- Save wash cycles in the printing units without time loss due to ON /OFF within seconds
- Environmental friendly ozone- and mercury free technology

ADVANTAGES OF LED TECHNOLOGY

LEDs do not emit infrared irradiation. Due to the low temperature load on the substrate, even heat-sensitive materials can be irradiated. As LEDs do not require a warm-up phase, the LED modules can be easily switched on and off and are instantly ready for use. The typical LED service life is more than 20,000 hours.

DRAWING LED POWERLINE FOCUS

exposure width application dependent

104,00
120,00
100,00

Intensity gradient depended on distance