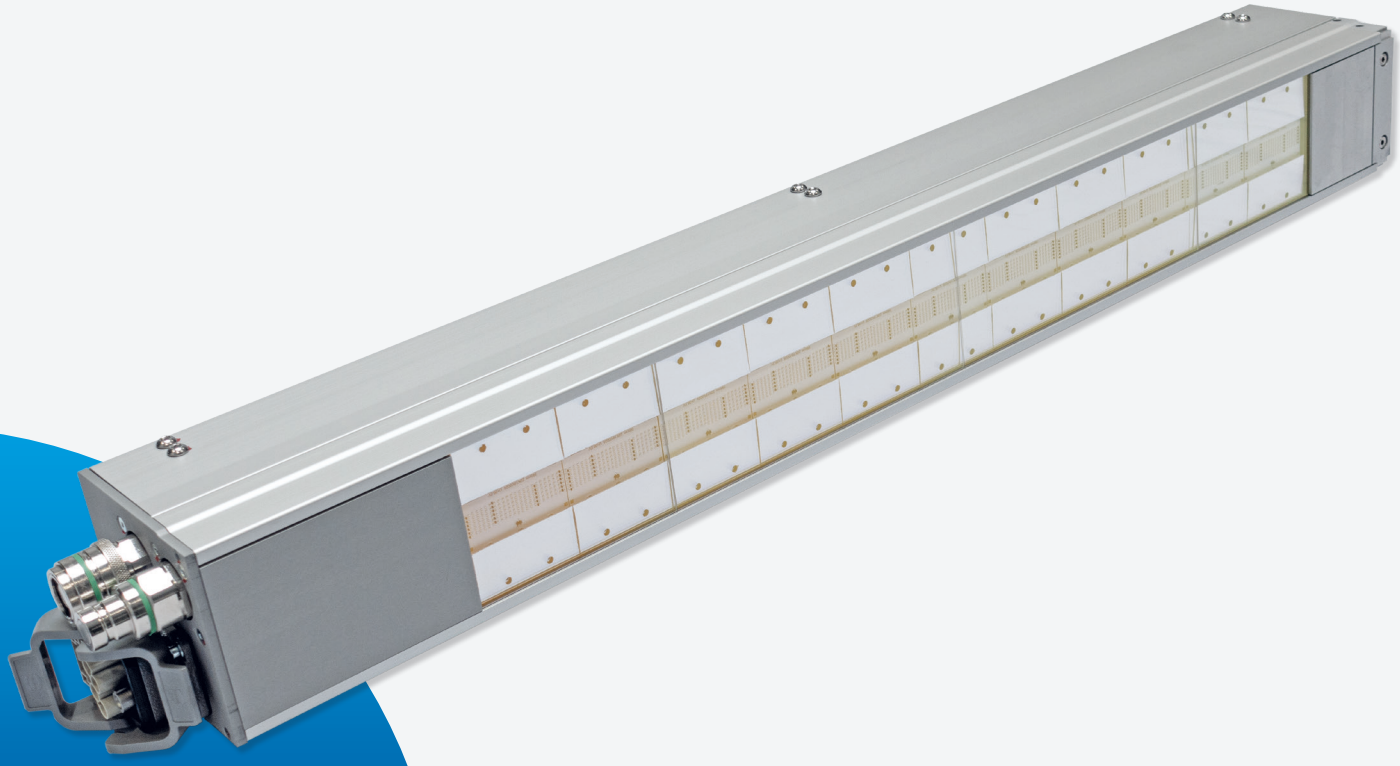
LED POWERLINE **LC HV**



LED POWERLINE LC HV

Max. irradiation intensity:
up to 25.000 mW/cm²
Wavelength:
365, 385, 395 and 405 nm
Water cooled

FEATURES

- High irradiation power
- Compact design
- Different wavelengths available
- 400V DC supply
  (reduced cable cross sections)

BENEFITS

- Low temperature load
- No warm-up phase
- Continous regulation
- Energy-saving
- Long service life

LED POWERLINE **LC HV**

The LED Powerline LC HV is a high-performance UV-LED array for intermediate curing (pinning) and final curing at printing applications. Other application fields are the curing of varnishes or UV reactive adhesives and pottings. The typical LED service life is more than 20.000 hours*. The LEDs can be switched on and off as often as required without any warm-up or cooling phase. The LED Powerline LC HV is available in the wavelengths 365/385/395/405 nm +/- 10 nm. This variety allows to adjust the wavelength to each application.

SPECIAL FEATURES

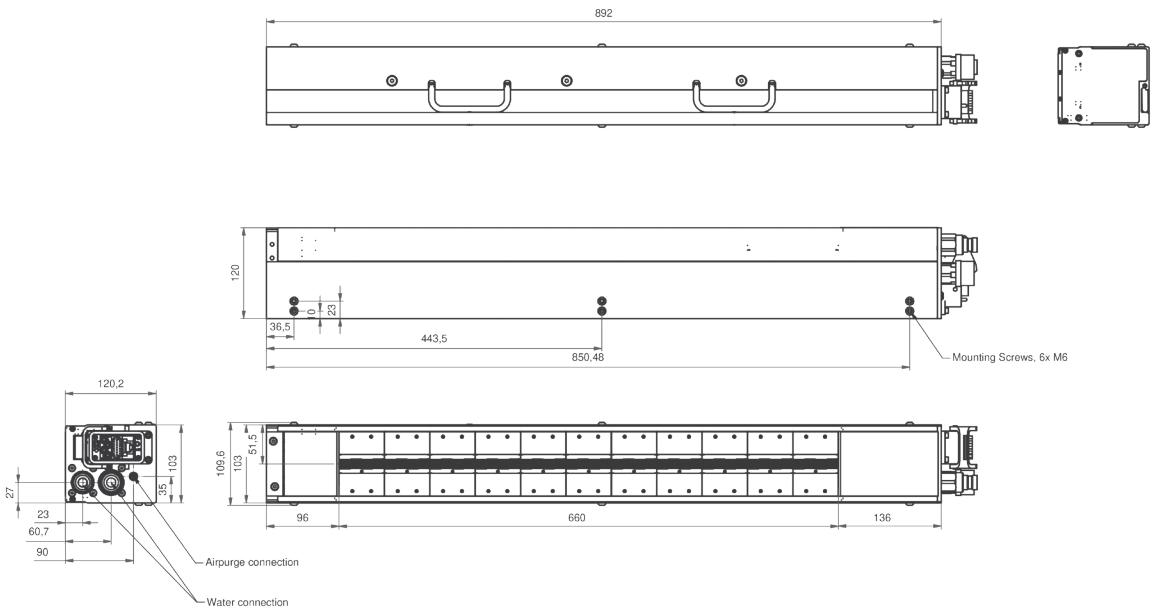
- Power supply via 400 V DC with EPSA 120 DC
- Driving and monitoring of each LED segment via a LED driver which is integrated in the housing
- Separate regulation of each LED segment, e.g. for format size control
- Monitoring of each LED segment regarding short-circuit, interruption and excess temperature
- Registration of operating hours of LED segments
- Digital PLC-interface (Emergency-stop, LED-on, LED-off, LED-failure)
- BUS-controlled via Ethernet or Hardware-Interface

TECHNICAL DATA

LED service life	> 20.000 hours *
Cooling	Water cooled
Irradiated area / Light aperture in mm:	60 - 1.680 x 20 60 - 1.680 x 40 other lengths in 60 mm grid steps
Wavelengths in nm **Intensity in mW/cm² ****	20 mm version: 365 385 395 405 12.000 25.000 25.000 25.000 40 mm version: 365 385 395 405 8.000 16.000 16.000 16.000

* typical lifetime under specified operating conditions

** measured with Hoenle UV meter with LED sensor



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