



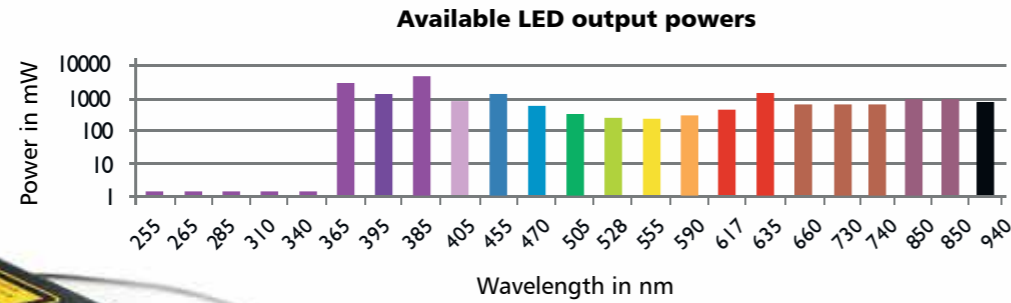
Omicron-Laserage Laserprodukte GmbH

Lasers, Lightengines and for LED lightsources Life Science and Bio-Instrumentation



LED Light Sources

- High power LED light sources for microscopy and fluorescence excitation
- Free space or fibre coupled emission
- 255nm - 940nm
- Output powers up to 3200mW



Diode Lasers

- High performance diode lasers
- High stability CW operation or fast modulation up to 500MHz
- Picosecond pulsed diode lasers
- 375nm – 2090nm
- Single-mode output powers up to 1000mW
- Multi-mode output powers up to 10 Watt



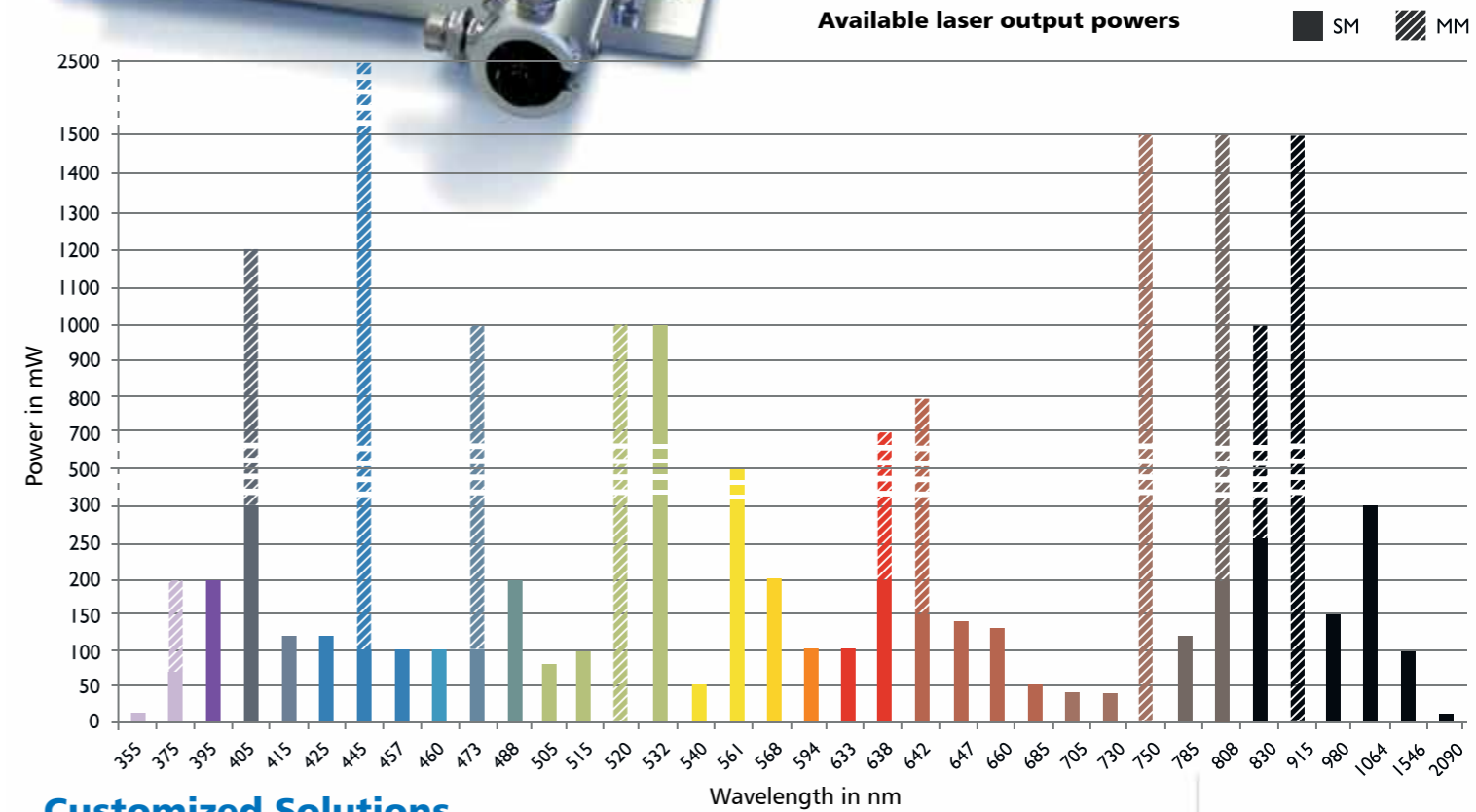
SOLE® Light Engines

- Plug & play Laser Light Engines with up to 6 different wavelengths
- 1 or 2 single-mode or multi-mode fibre outputs
- fast fibre switch (<5ms)
- DPSS and diode lasers with fast direct modulation up to 250MHz
- 375nm - 2090nm
- Optical output powers up to 600mW per wavelength

Ask for installation service!

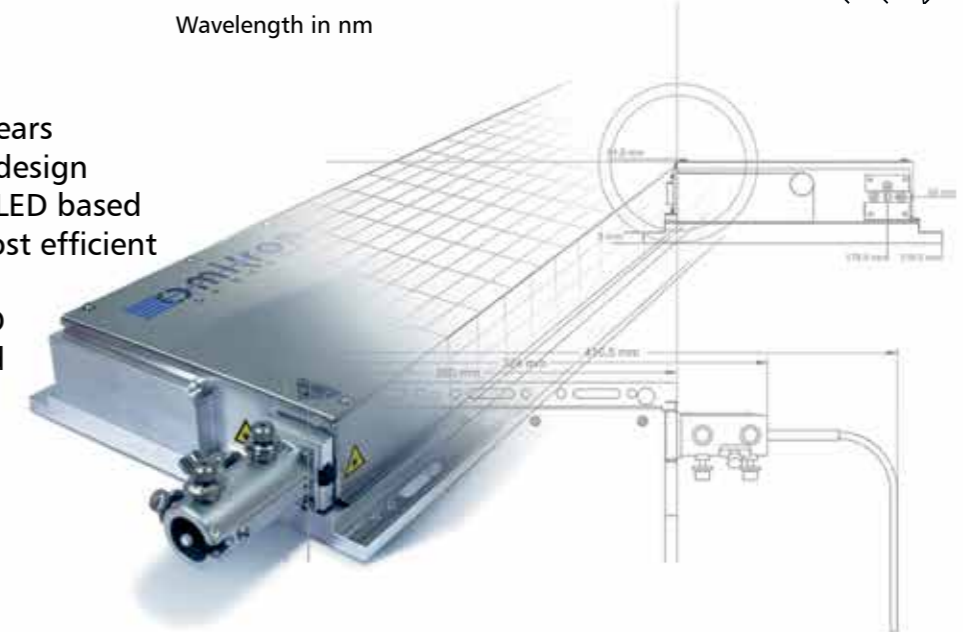
LightHUB® Laser Combiners

- Compact Laser Combiners for up to 2/4/6 wavelengths
- Single-mode fibre coupled output or free space emission
- DPSS and diode lasers with fast direct modulation up to 250MHz
- 355nm - 2090nm
- Optical output powers up to 2500mW per wavelength
- Field-upgradable



Customized Solutions

Omicron has more than 25 years of experience in customized design and production of laser and LED based light sources. Our fast and cost efficient customization services are a fundamental part of our R&D department which is certified by ISO 9001:2008 & ISO 13485.

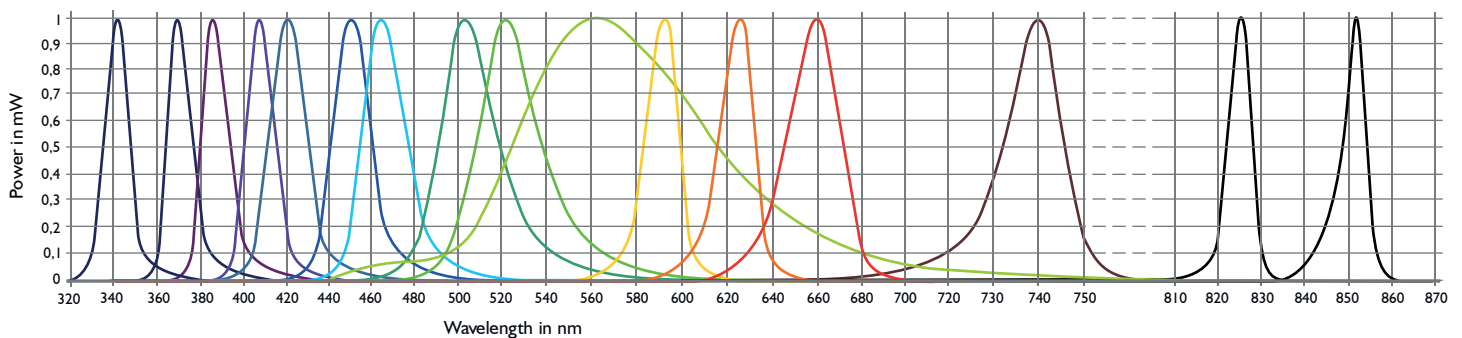


**If you can imagine it,
we can build it!**

LedHUB® - High Power LED Light Engine



- Modular principle for up to 6 wavelengths between 340 and 940nm
- Field-upgradable
- Individual analogue and digital modulation inputs
- Precise intensity control in 0.1% steps (0-100%)
- Intelligent SYNC in- and outputs
- TEC temperature controlled LED chips
- Compatible to 2, 3 and 5mm Liquid Light Guides and SMA or FC/PC connectorized fibres
- Long lifetime – 3 years warranty
- Exchangeable bandpass filters



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