

MACROLED Light Source

DATASHEET

Large emitter LED light source for macro-imaging

For cardiac optical mapping and slice imaging with macro objectives or macro camera lenses the (much abused) laws of physics allow us to make use of larger emitters requiring more than the 5A of drive current provided by the OptoLED. Rather than continuing to tweak and periodically blow up the OptoLED power supplies we felt that it was sensible to launch a dedicated product.

The MacroLED can power twin heads incorporating two 10A LED chips, whilst maintaining the fast switching and stability of the OptoLED. In addition to the epifluorescence mounts used with our other LED products the MacroLED heads can be supplied with mounting stands for direct illumination.



APPLICATIONS

- Macro fluorescence imaging/optical mapping
- Multi-wavelength fluorescence microscopy
- Cardiac imaging

KEY BENEFITS

- High intensity
- Near perfect stability
- Instantaneous vibration-free switching
- Long-life (should never need replacing)
- Variable intensity – no need for ND filters

