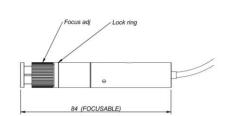
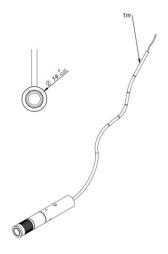


Single Emitter

T-Series λ375 - 2200 nm







Features:

Compact design Low bore-sight CW and modulable High quality lens

Excellent beam performance Keeps bore sight while focusing Polarization marks

Suitable for:

Automatics and robotics Guidance **Bio-medics Imaging** Illumination

Technical specifications (1,2,3)		
Wavelength [nm]	375 - 2200	
Linewidth [nm]	wavelength dependent	
Optical power [mW]	1 - 200	
Power stability	0.5% rms @ 8 h	
Operating current [mA]	wavelength dependent	
Voltage @ connectors [V]	5 or 9	
Pulse width [µs]	10 up to CW	
Pulse repetition rate [kHz]	CW up to 30	
Power modulation depth [%]	0 - 100	
Clear aperture [mm]	6	
Focal length	variable by customer	
Beam size and focal point	wavelength dependent	
Electrical connection	flying wires	
Reverse voltage protection circuit	built in	
Operating temperature [°C]	(-10) – (+60)	
Storage temperature [°C]	(-20) – (+70)	
Laser class [EN-60825]	2 – 3B	

- Specifications at 20 $^{\circ}\text{C},$ at the beginning of the lifetime
- Specifications are subject to chips availability 2.
- Other wavelengths on request

Version: 1.0.0.0 October 2021

Product specification are subject to change without notice. For complete details, please contact your local MONOCROM

sales representative.

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