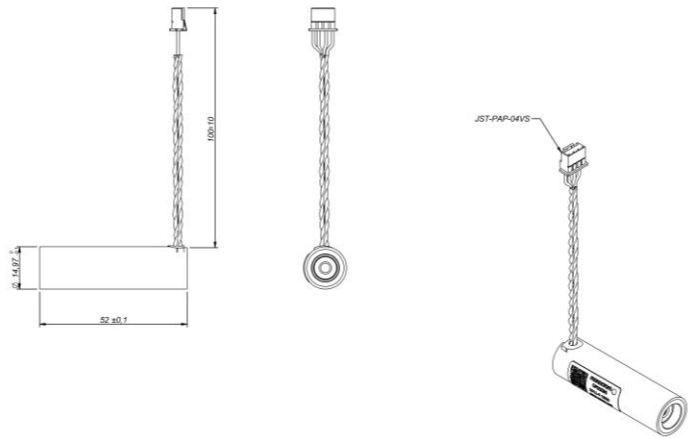


Single Emitter

D-Series λ 375 - 2200 nm



Features:

Uniform line
Low bore-sight
Plane width adjusted to working range

Trigger input
No line bowing
Large depth of field

Suitable for:

Analytical instruments
Metrology
Imaging

Technical specifications ^(1,2)	
Wavelength ⁽³⁾ [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 [μ s]	10 up to CW
Pulse repetition rate [kHz]	CW up to 30
Power modulation depth [%]	0 - 100
Clear aperture [mm]	6
Type of beam profile	point, line, point-pattern, line-pattern, random points
Spot size [mm]	custom
Divergence [mrad]	down to 0.5
Line opening angle [°]	30, 45, 90, 120 and custom
Line thickness [μ m]	custom
Electrical connection	JST-PAP-04VS
Reverse voltage protection circuit	built in
Operating temperature [°C]	(-10) – (+60)
Storage temperature [°C]	(-20) – (+70)
Laser class [EN-60825]	2 – 3B

1. Specifications at 20 °C, at the beginning of the lifetime
2. Specifications are subject to chips availability
3. Other wavelengths on request