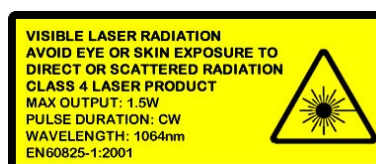


## I4 (1064nm) DIODE PUMPED SOLID STATE LASER



Model Name	I4-500-1064	I4-700-1064	I4-1000-1064
Wavelength	1064nm		
Output Power	500mW	700mW	1W
Spatial Mode	TEM <sub>00</sub> , M <sup>2</sup> < 1.2		
Longitudinal Mode	Single Longitudinal Mode (SLM)		
Power Stability	< +/- 2 % over 8 hours		
Noise	< 0.5 % RMS (typ. 0.2%)		
Beam Diameter	Approx. 1mm at output aperture		
Beam Divergence	< 2mRad		
Polarization	>100:1, Vertical		
Laser Head Size	126mm long x 62mm x 51mm		
Power supply	279mm x 205mm x 138mm		
Cooling	Head: Internal TECs, convection through base, 12 W. PSU: Internal fan air cooled		
Power requirement	100 - 240 VAC, 50 / 60 Hz Max 60W		



Elforlight Ltd, 4b Brunel Close, Daventry, Northants NN11 8RB, UK

Tel +44(0)1327 300069 | Fax +44(0)1327 300076

Web: [www.elforlight.com](http://www.elforlight.com) | Email: [info@elforlight.com](mailto:info@elforlight.com)