



ELFORLIGHT

B4 Diode Pumped Solid State Laser



Wavelength	473 nm	
Output Power	20mW	40mW
Spatial Mode	TEM ₀₀ , M ² < 1.2	
Longitudinal Mode	Single Longitudinal Mode (slm)	
Power Stability	< +/- 2 % over 8 hours	
Noise	< 0.5 % RMS (typ 0.2%)	
Beam Diameter	~ 1mm at output aperture	
Beam Divergence	< 1mRad (collimation options available)	
Polarisation	>100:1, Vertical	
Laser Head Size	135mm long x 50mm x 48mm	
Power supply	123mm wide x 112mm deep x 85mm high (inc heatsink)	
Control	Fixed power operation	
Cooling	Laser head- conductive, <12W through base; Power supply- Convective air	
Power requirement	100-240VAC 50/60Hz, <65 Watts (DC options for OEM incorporation)	