



PARAMETER		LS-QCW-480
Output peak power	[W]	>500
Threshold current	[A]	<20
Drive current	[A]	80
Operating Voltage	[V]	16
Slope efficiency (per bar)	[W/A]	>1
Conversion efficiency	[%]	≥45
Center wavelength	[nm]	808±3
Spectral width FWHM	[nm]	4
Beam divergence FWHM +	[°]	≤38
Beam divergence FWHM =	[°]	≤10
Emitting area	[mm]	10X2.8
Dimensions WxLxH	[mm]	14.4x10.6x11.6
Number of bars		8
Bar to bar pitch	[mm]	0.4
Heat sink temperature	[°C]	56
Humidity	[%]	60@25°C
Operating temperature	[°C]	-24 to +56
Storage temperature	[°C]	-54 to +85