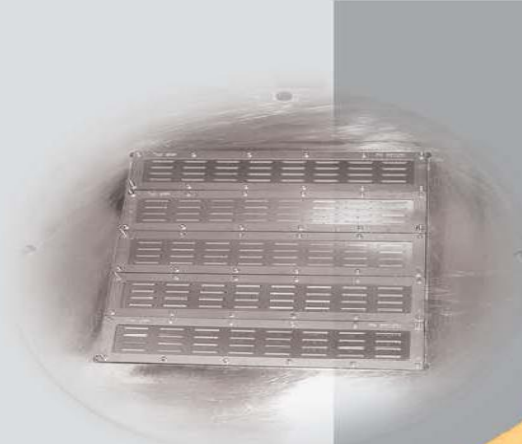


# CW-40W BAR



<u>Optical @ 25°C</u>	<u>Value</u>	<u>Spec</u>	<u>Unit</u>
Power	40	min	W
Center Wavelength	808		nm
Center wavelength tolerance	±3	max	nm
Spectral width (FWHM)	3	typ	nm
Divergence, slow axis, FWHM	10	max	degrees
Divergence, fast axis, FWHM	35	typ	degrees
Polarization	TM		
Wavelength temperature coefficient	0.28	typ	nm/°C



<u>Electrical</u>	<u>Value</u>	<u>Spec</u>	<u>Unit</u>
Threshold current	10	typ	A
Operating current	50-60	max	A
Duty cycle	100	max	%
Operating voltage	2	max	V
Slope efficiency	1.1	typ	W/A
Conversion efficiency	45	min	%
<u>Thermal</u>	<u>Value</u>	<u>Spec</u>	<u>Unit</u>
Operating temperature range	25-60		°C
Thermal resistance	0.7	typ	°C/W