

## C-mount 8W DATA SHEET

Parameter	Symbol	Typical	Unit
CW Output Power	$P_{op}$	8	W
Center Wavelength [1]	$\lambda$	$808 \pm 3$	nm
Spectral Width (FWHM)	$\Delta\lambda$	3	nm
Wavelength Shift with Temperature	$D\lambda_c/dT_{op}$	0.3	nm/°C
Polarization	-	TE	-
Threshold Current	$I_{th}$	1.5	A
Slope Efficiency	$\eta D = P_{op}/(I_{op} - I_{th})$	1.1	W/A
Conversion Efficiency	$H = P_{op}/(V_{op} \times I_{op})$	50	%
Operating Current	$I_{op}$	11	A
Operating Voltage	$V_{op}$	1.9	V

## Package Dimensions (mm)

