

FP characterization for QCL device # CS-CF7

	Data	Comments
Cavity dim.	14μm x 5 mm	<i>Emitter width x length</i>
Submount dim.	25x25x10 mm	<i>Mounted epi-down on Cu – CS mount</i>
Oper. Temp.	15 - 40C	<i>All data at 15C</i>
Center wavelength	8.90 μm	<i>T=15C, cw</i>
Thresh. Current	0.66 A	<i>T=15C, cw</i>
Max. Current	1.84 A	<i>T=15C, cw</i>
Thresh. Voltage	9.75 V	<i>T=15C, cw</i>
Max. Voltage	13.7 V	<i>T=15C, cw</i>
Max Power out	0.5 W	<i>uncoated, single facet</i>
Max Efficiency	4.0 %	<i>Total power</i>



CS - mounted devices available on C-mount with lower output powers