

LASER COMPONENTS GmbH

Address

Werner-von-Siemens-Str. 15 P.O. Box 1129
 D-82140 Olching D-82133 Olching
 Phone ++49-8142-28640 · Fax ++49-8142-286411
 E-Mail: info@lasercomponents.de · homepage: http://www.lasercomponents.de



Datasheet for Laser Components Leadchalkogenide - Diodelaser							
Order Number : LC Order Number : Part Number : 03-LI330HV-58: Customer Name :	Lasertype : IRCC-1290. Wavenumber : 1290..... Region : cm ⁻¹						
Special Conditions : IRCC-1290-GMP..... : :	Polarity : + Housing (groun) : -						
<table style="width: 100%; border: none;"> <tr> <td style="width: 40%;">Operator : Huber.....</td> <td style="width: 60%;">Max Operationtemp / K : 75.....</td> </tr> <tr> <td>Serial Number : 330-HV-1-58....</td> <td>Max Diode Current cw / mA : 780....</td> </tr> <tr> <td>Date : 11/Feb/2003</td> <td></td> </tr> </table>		Operator : Huber.....	Max Operationtemp / K : 75.....	Serial Number : 330-HV-1-58....	Max Diode Current cw / mA : 780....	Date : 11/Feb/2003	
Operator : Huber.....	Max Operationtemp / K : 75.....						
Serial Number : 330-HV-1-58....	Max Diode Current cw / mA : 780....						
Date : 11/Feb/2003							

Record of Laser No. 330-HV-1-58

Date : 11/Feb/2003

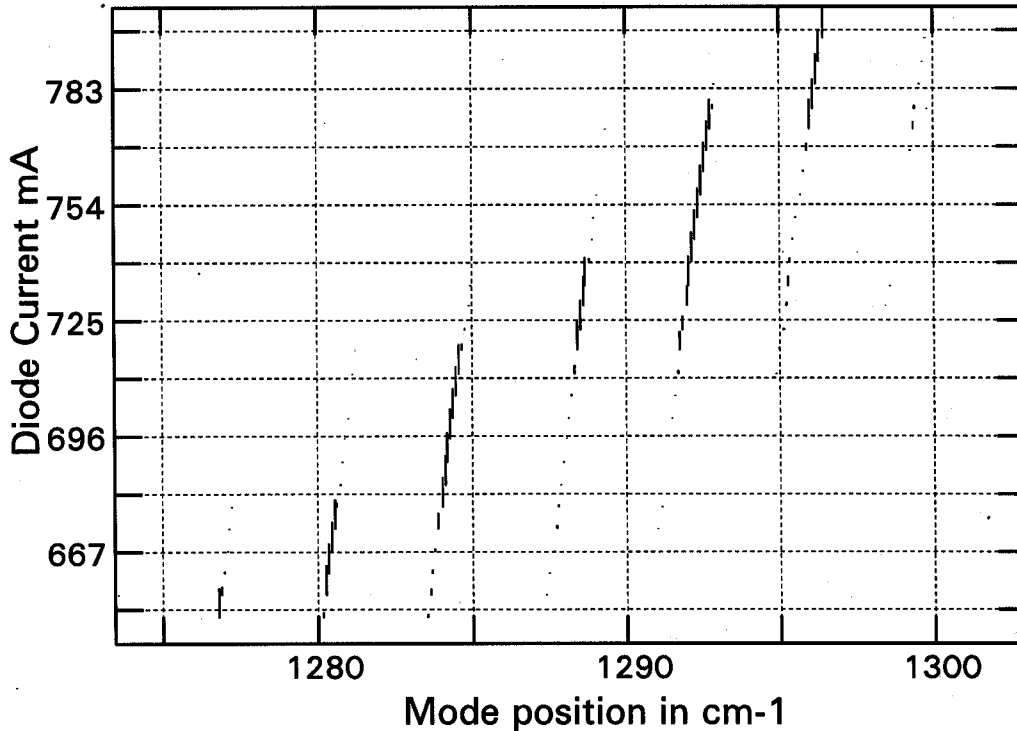
Operator: Huber

T / K	threshold current I _{th} /mA	wavenumber at threshold cm ⁻¹	maximum current I _m /mA	maximum total power P _h /mWatt
70	492	1246	775	0.26
72	507	1261	772	0.28
74	524	1276	775	0.26

Definition :

maximum total power : the power which the laser diode radiates at maximum current.

Modal Distribution



max modal Power %	total Power mWatt
98.72	0.2824
99.32	0.2717
98.04	0.2801
77.97	0.2543-L
44.37	0.2607
78.63	0.2601
94.50	0.2572
96.80	0.2557
96.73	0.2345
94.47	0.2366
81.26	0.2139
43.03	0.2052
55.03	0.2081
63.45	0.2055
51.83	0.2038
69.84	0.2070
92.66	0.1965
96.48	0.1881
97.56	0.1736
96.81	0.1730
94.79	0.1599
80.99	0.1547
59.27	0.1504
88.68	0.1568
83.99	0.1446
66.14	0.1414
77.33	0.1344

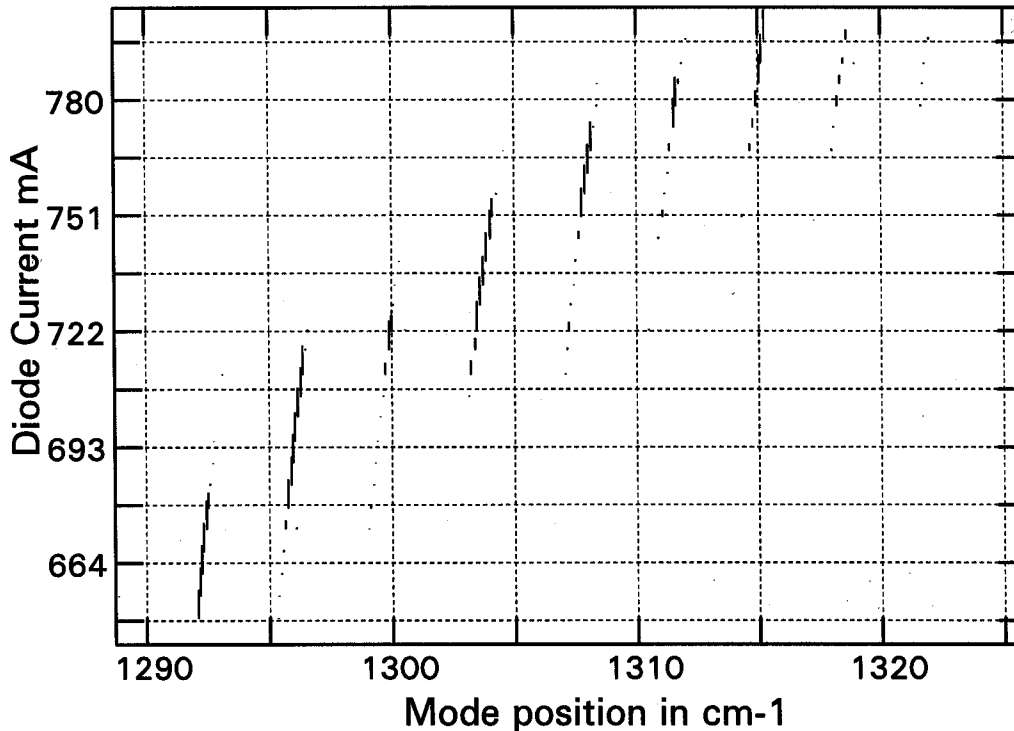
02/11/03

Operator:Huber

Laser: 330-HV-1-58

Temperature: 72.00 K

Modal Distribution



max modal Power %	total Power mWatt
71.76	0.2591
81.53	0.2584-L
67.99	0.2438
50.71	0.2206
74.69	0.2358
65.65	0.2448
98.25	0.2399
96.87	0.2287
52.82	0.2280
77.27	0.2424
93.96	0.2278
97.22	0.2287
91.17	0.2041
54.51	0.2136-L
68.90	0.2092
52.90	0.2039
97.34	0.2066
99.20	0.1889
98.75	0.1827
98.34	0.1830
94.09	0.1641
61.74	0.1667
72.94	0.1647-L
95.33	0.1523
98.09	0.1489
97.98	0.1406
98.17	0.1292

02/11/03

Operator:Huber

Laser: 330-HV-1-58

Temperature: 74.00 K