

TABLE OF CONTENTS

COMPACT Diode Laser System 200/400 (200W, 400µm)

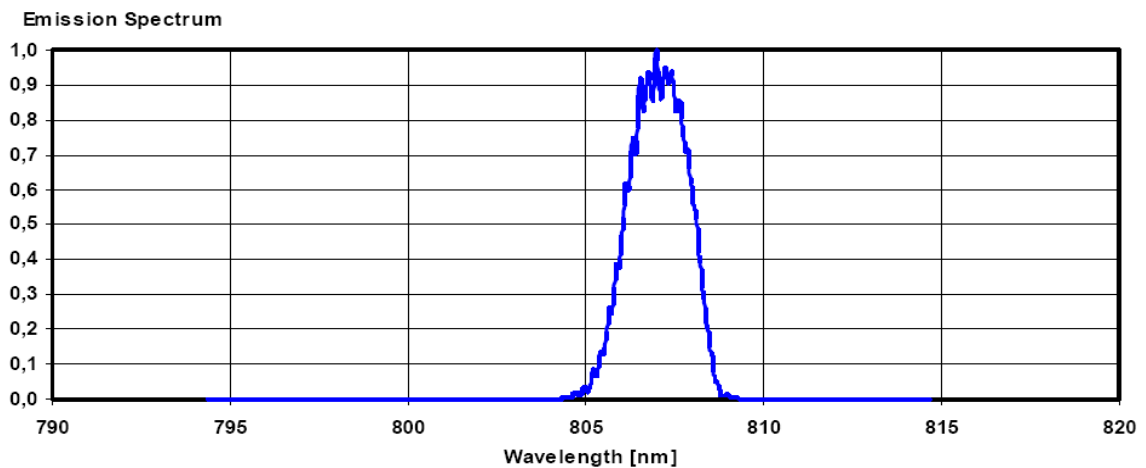
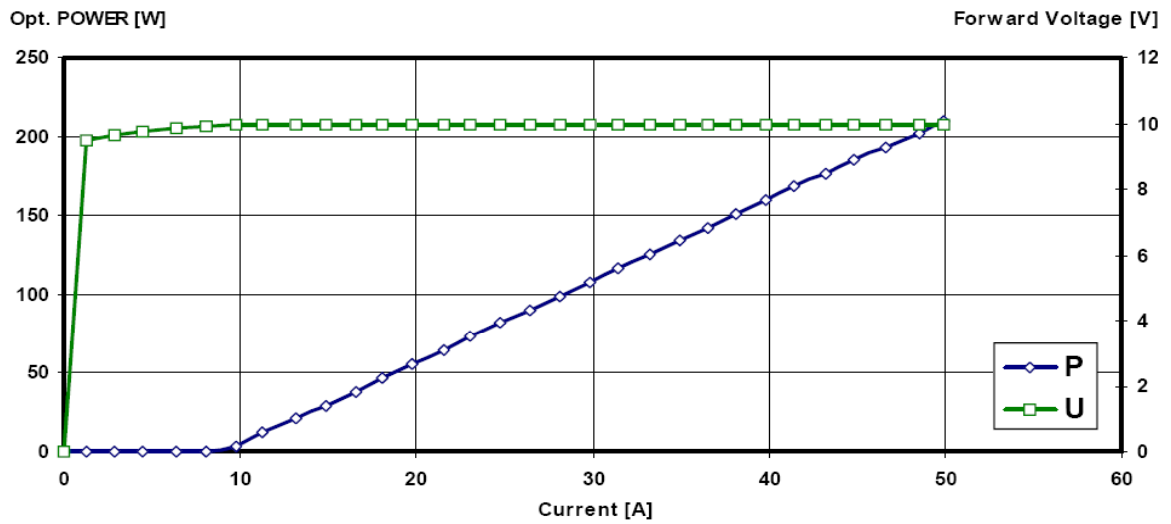
M1F4S22-808.3-200C-IS5.1

M1F4S22-980.10-200C-H242PMF

M1F4S35-1470.15-80C-H242HPFM

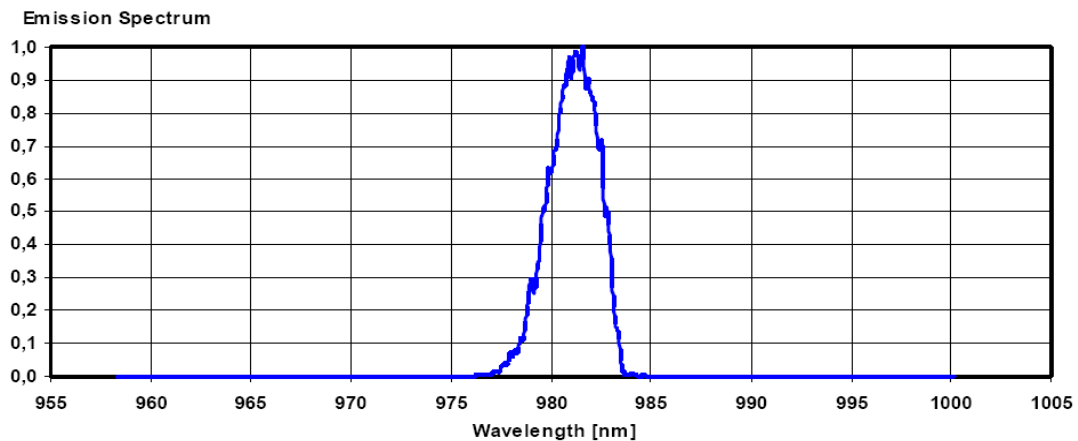
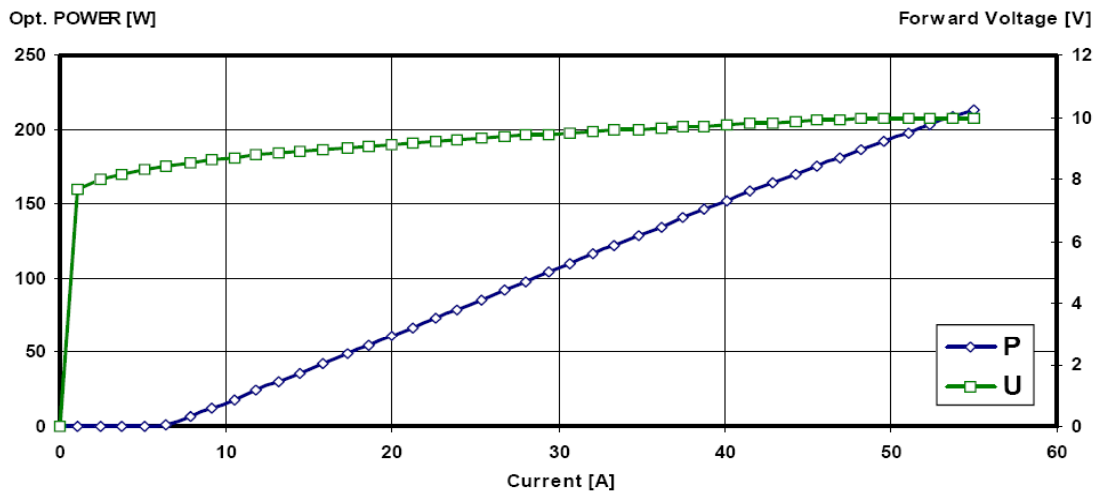
Example of M1F4S22-808.3-200C-IS5.1

P (48 A)	200,5 W	Wavelength (cent.)	807,1 nm
I (200,0 W)	47,9 A	Line width	2,4 nm
Threshold	9,3 A	Temperature	25,1 °C
Slope	5,37 W/A	Current	48,1 A
Overall efficiency	42,0 %		
UF	9,94 V		
UE	10,14 V		
Rs	-4,2 mOhm		



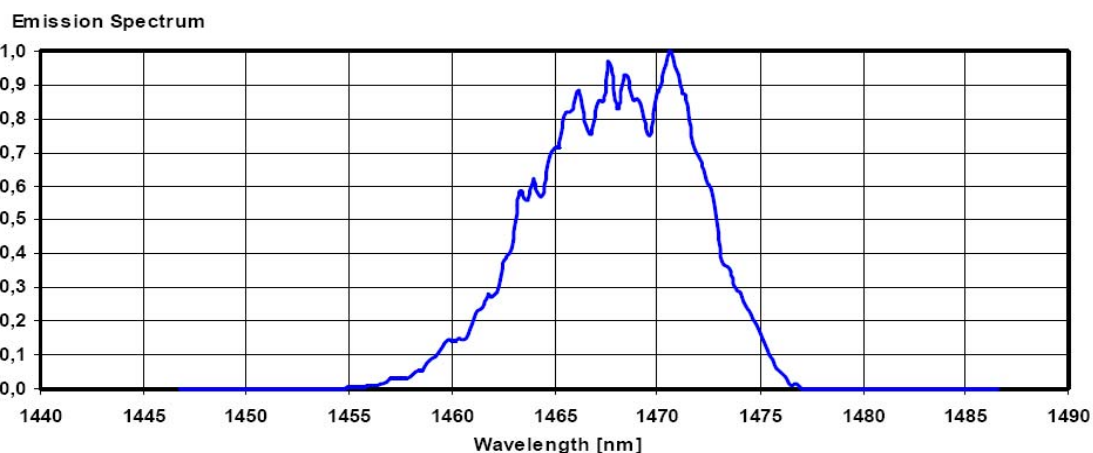
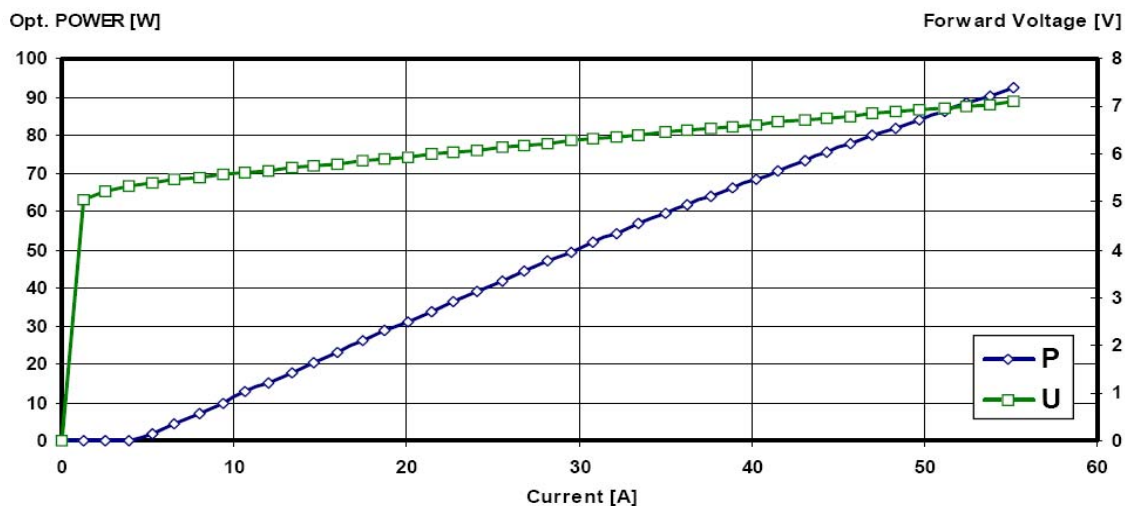
Example of M1F4S22-980.10-200C-H242PMF

P (50 A)	193,7 W	Wavelength (cent.)	981,2 nm
I (200,0 W)	51,5 A	Line width	3,8 nm
Threshold	6,9 A	Temperature	25,0 °C
Slope	4,81 W/A	Current	51,6 A
Overall efficiency	39,1 %		
UF	9,94 V		
UE	8,91 V		
Rs	20,1 mOhm		



Example of M1F4S35-1470.15-80C-H242HPFM

P (50 A)	84,5 W	Wavelength (cent.)	1467,8 nm
I (80,0 W)	47,2 A	Line width	12,1 nm
Threshold	4,6 A	Temperature	18,9 °C
Slope	2,14 W/A	Current	47,1 A
Overall efficiency	24,8 %		
UF	6,84 V		
UE	5,40 V		
Rs	30,6 mOhm		



U.S. CFR Regulation

The manufacturer and subsequent sale of laser equipment is under the guidelines governed by the U.S. Center for Devices and Radiological Health (CDRH). In accordance to those guidelines, specifically Subchapter J of the Radiation Standards, 21 CFR, the diode laser is registered as a CLASS 4 laser product.

European Commission

In accordance to EN 60825, Safety of Laser Products, the diode laser is registered as a CLASS 4 laser product.

Products specifications are subject to change without notice. For handling precautions, please reference the general handling instruction manual. For additional information, please contact your local sales representative or visit our website at www.dilas-ils.com.

DILAS Industrial Laser Systems
a division of DILAS Diodenlaser GmbH
Galileo-Galilei-Straße 10
55129 Mainz
Germany

Phone: +49 (6131) 9226 400
Fax: +49 (6131) 9226 444
Email: sales@dilas-ils.com
www.DILAS-ILS.com