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Fast Axis Collimated Conduction Cooled QCW Vertical Diode Laser Stack

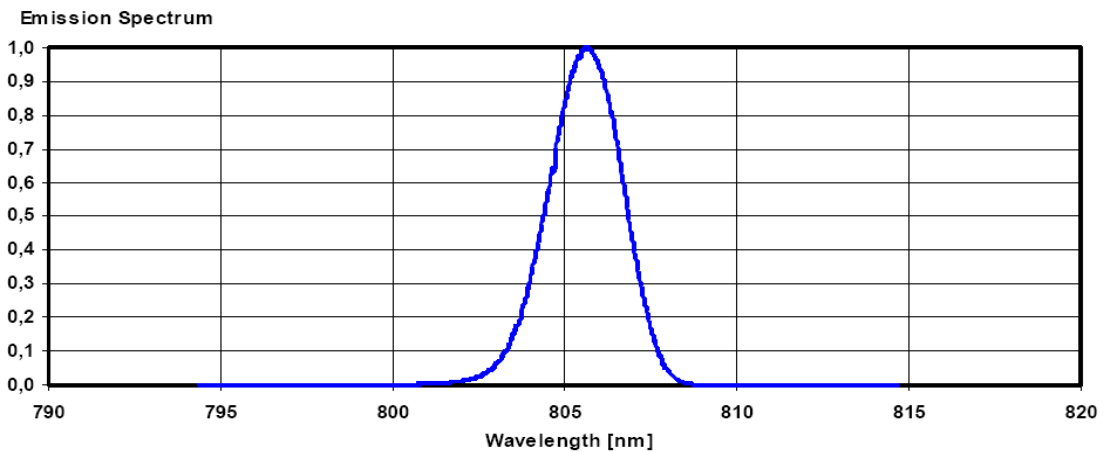
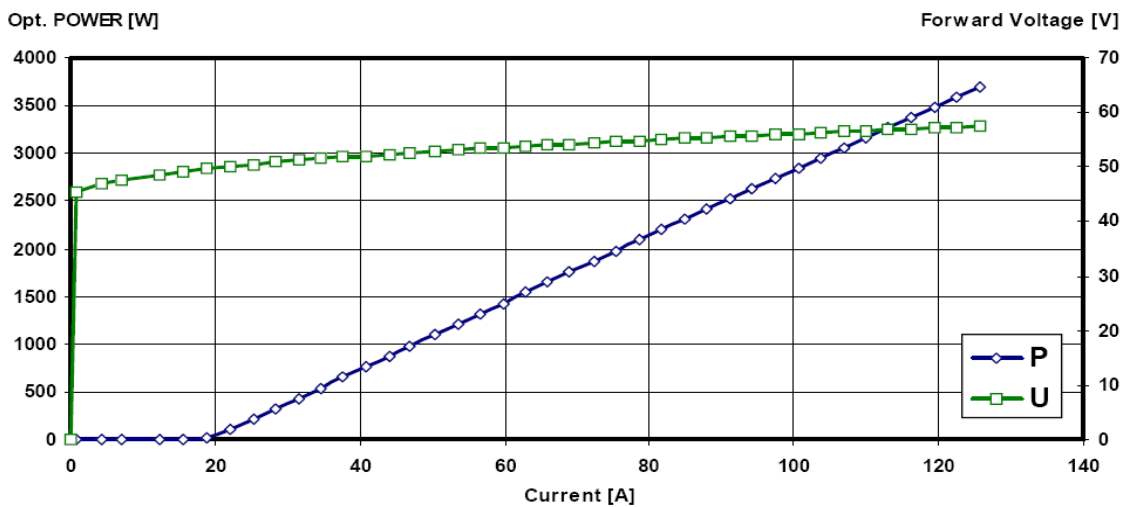
N15N-808.3-3000Q-TO1.1 Test Data

N15N-915-VO19.3 Test Data

N15N-941.5-3250Q-N144 Test Data

Example of N15N-808.3-3000Q-TO1.1

P (120 A)	3511,2 W	Wavelength (cent.)	805,6 nm
I (3000,0 W)	105,0 A	Line width	3,4 nm
Threshold	19,5 A	Temperature	19,8 °C
Slope	35,99 W/A	Current	105,5 A
Overall efficiency	50,7 %	DutyCycle	0,4 %
UF	56,40 V	Frequency	20,0 Hz
UE	50,01 V		
Rs	60,9 mOhm		



DILAS products specifications are subject to change without notice. For handling precautions, please reference the general handling instruction manual.

For complete details, please contact your local DILAS sales representative or visit our website at www.DILAS.com.

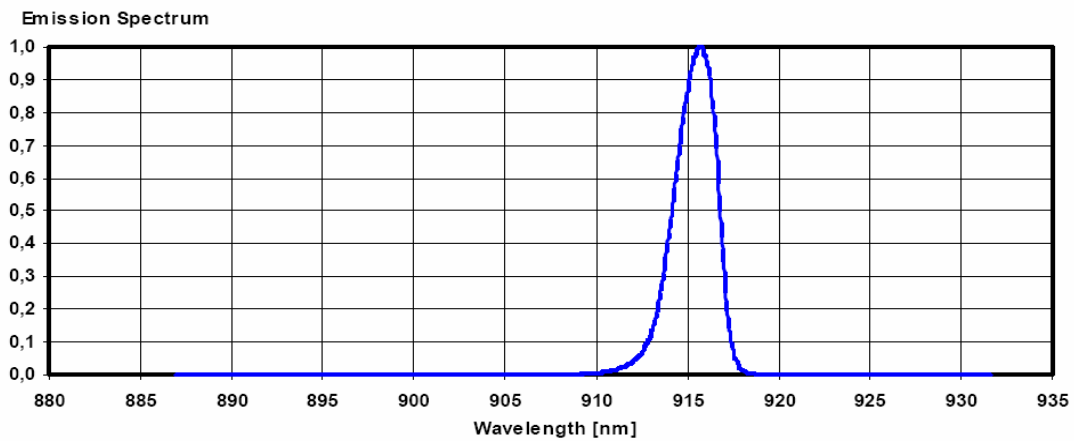
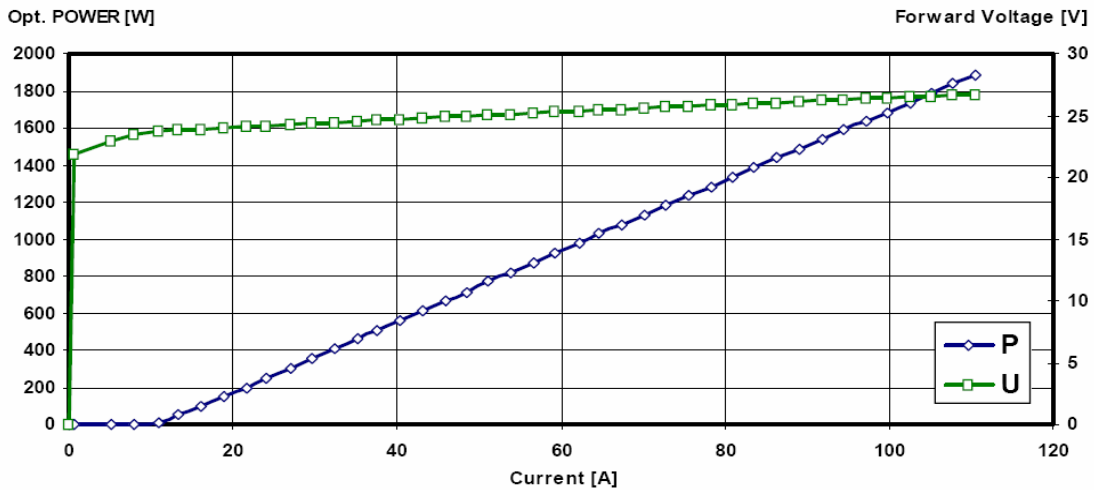
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Example of N15N-915-VO19.3

P (100 A)	1690,3 W	Wavelength (cent.)	915,3 nm
I (1700,0 W)	100,5 A	Line width	3,6 nm
Threshold	11,3 A	Temperature	25,0 °C
Slope	19,48 W/A	Current	101,2 A
Overall efficiency	64,2 %	DutyCycle	2,0 %
UF	26,35 V	Frequency	100,0 Hz
UE	24,20 V		
Rs	21,4 mOhm		



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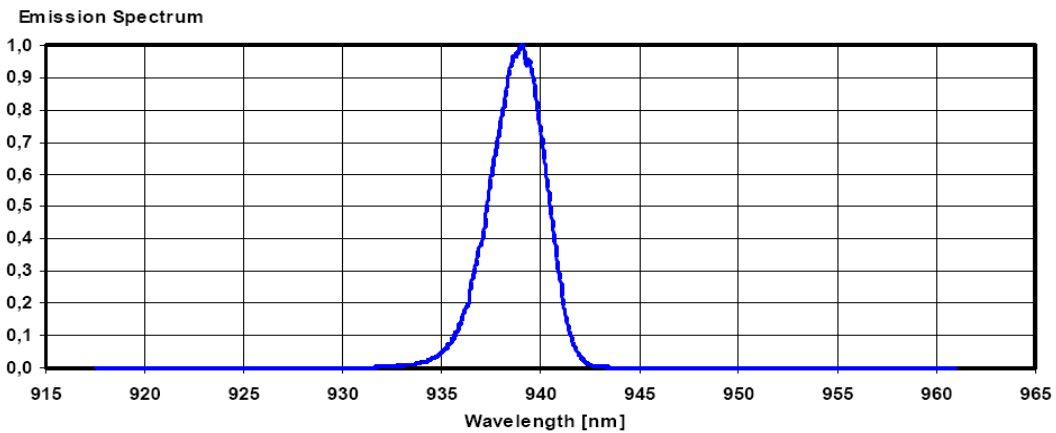
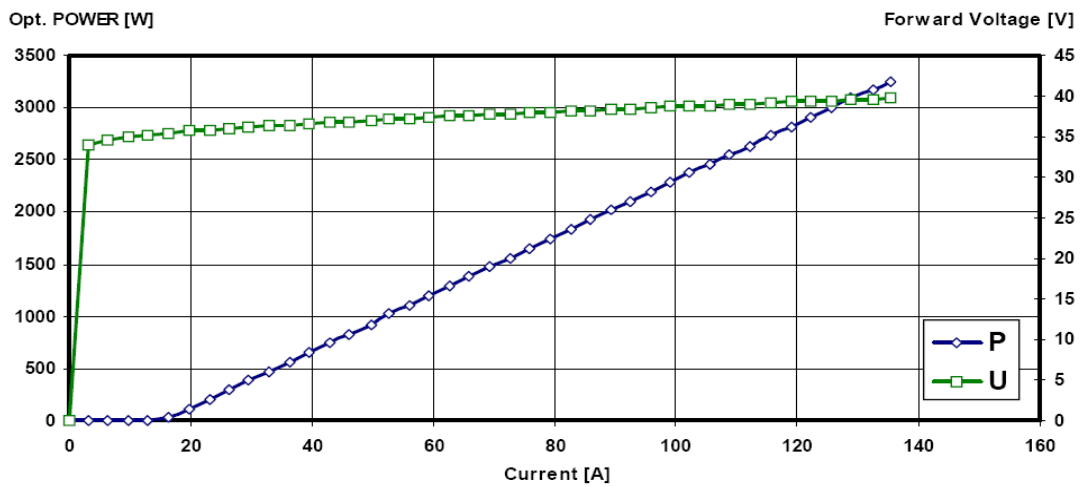
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Example of N15N-941.5-3250Q-N144

P (130 A)	3115,5 W	Wavelength (cent.)	938,8 nm
I (3000,0 W)	125,7 A	Line width	4,6 nm
Threshold	15,9 A	Temperature	25,5 °C
Slope	27,85 W/A	Current	126,6 A
Overall efficiency	60,4 %	DutyCycle	1,0 %
UF	39,50 V	Frequency	10,0 Hz
UE	35,80 V		
Rs	29,4 mOhm		



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