

## **TEST DATA**

### **Conduction-Cooled Visible Diode Laser Single Bar**

M1-aXS-N-632-Z33.1.10

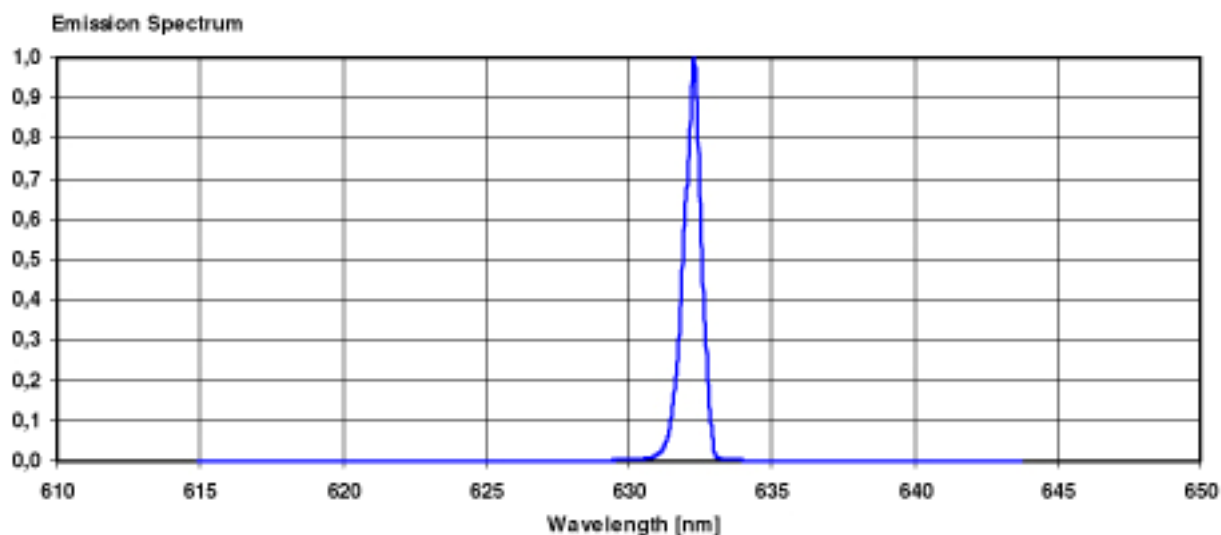
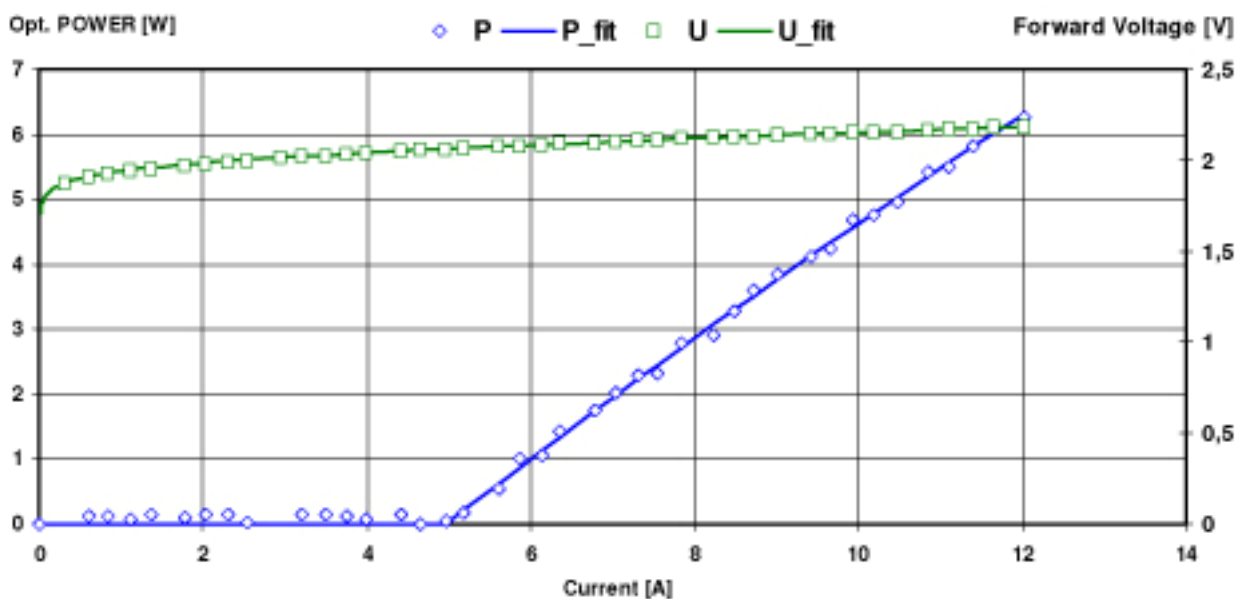
M1N-635.3-4C

M1-clQ-N-637-Z30.1.15

M1-aXS-N-673-Z33.1.10

# Example of M1-aXS-N-650-Z33.1.10

P ( 12 A)	6,3 W	Wavelength (cent.)	632,2 nm
I ( 5,0 W)	10,4 A	Line width	1,1 nm
Threshold	5,0 A	Temperature	20,2 °C
Slope	0,98 W/A	Current	12,0 A
Overall efficiency	22,2 %		
UF	2,16 V		
UE	1,99 V		
Rs	15,9 mOhm		



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For complete details, please contact your local DILAS sales representative or visit our website at [www.DILAS.com](http://www.DILAS.com).

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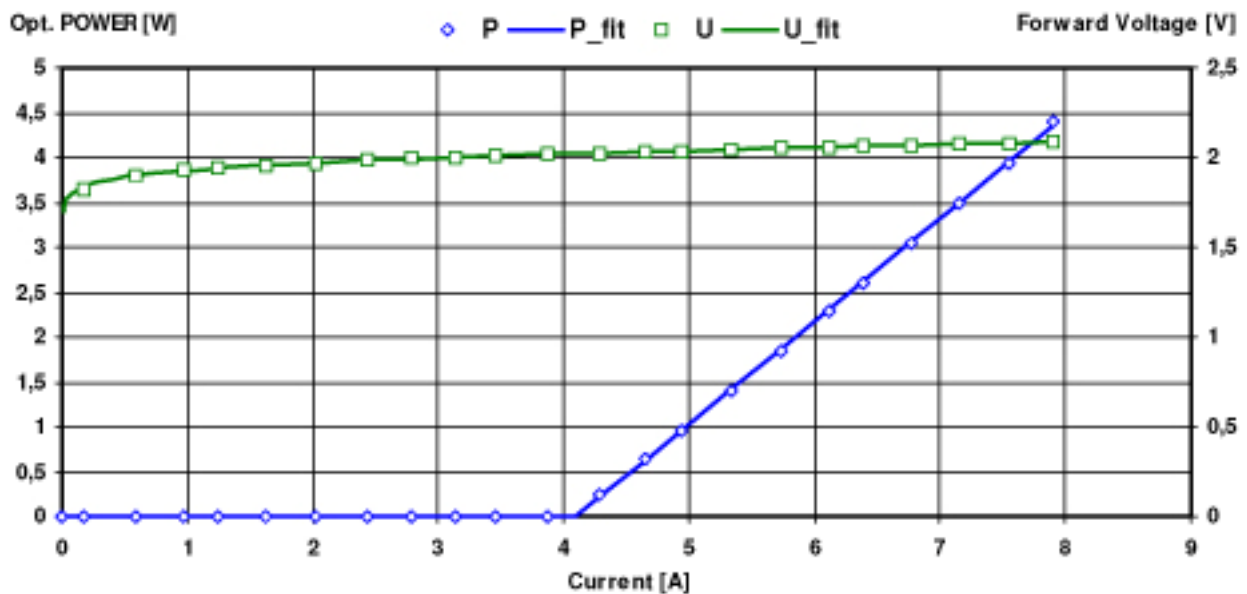
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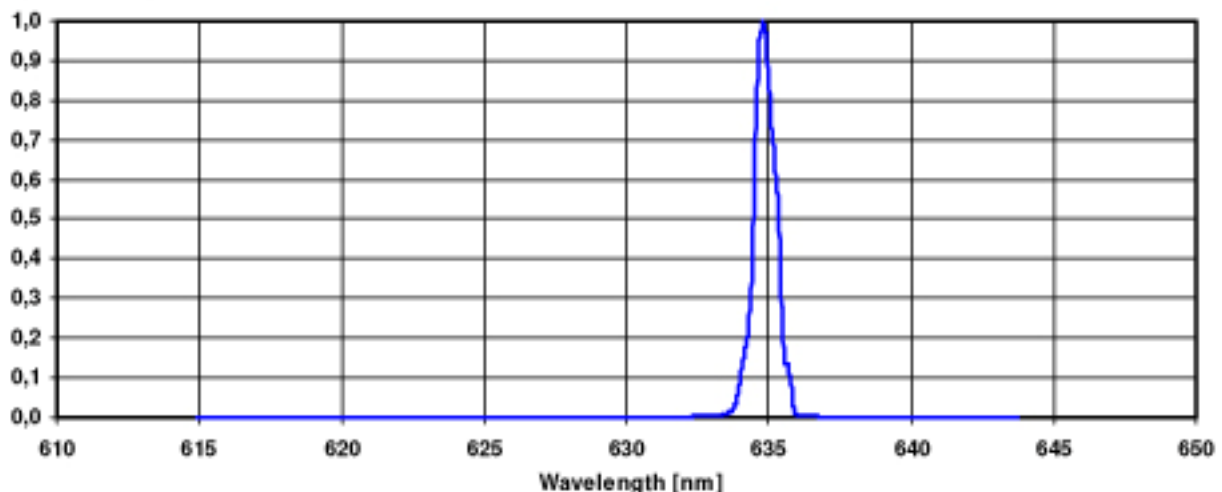


# Example of M1N-635.3-4C

P ( 8 A)	4,5 W	Wavelength (cent.)	634,9 nm
I ( 4,0 W)	7,6 A	Line width	1,4 nm
Threshold	4,1 A	Temperature	19,9 °C
Slope	1,15 W/A	Current	7,8 A
Overall efficiency	25,3 %		
UF	2,08 V		
UE	1,97 V		
Rs	14,5 mOhm		



## Emission Spectrum



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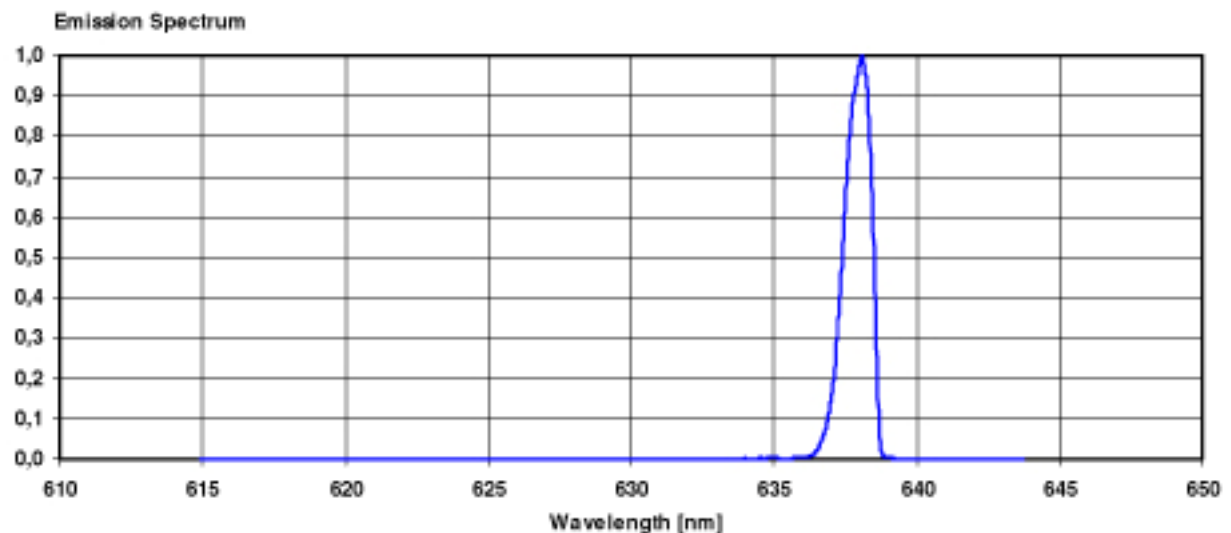
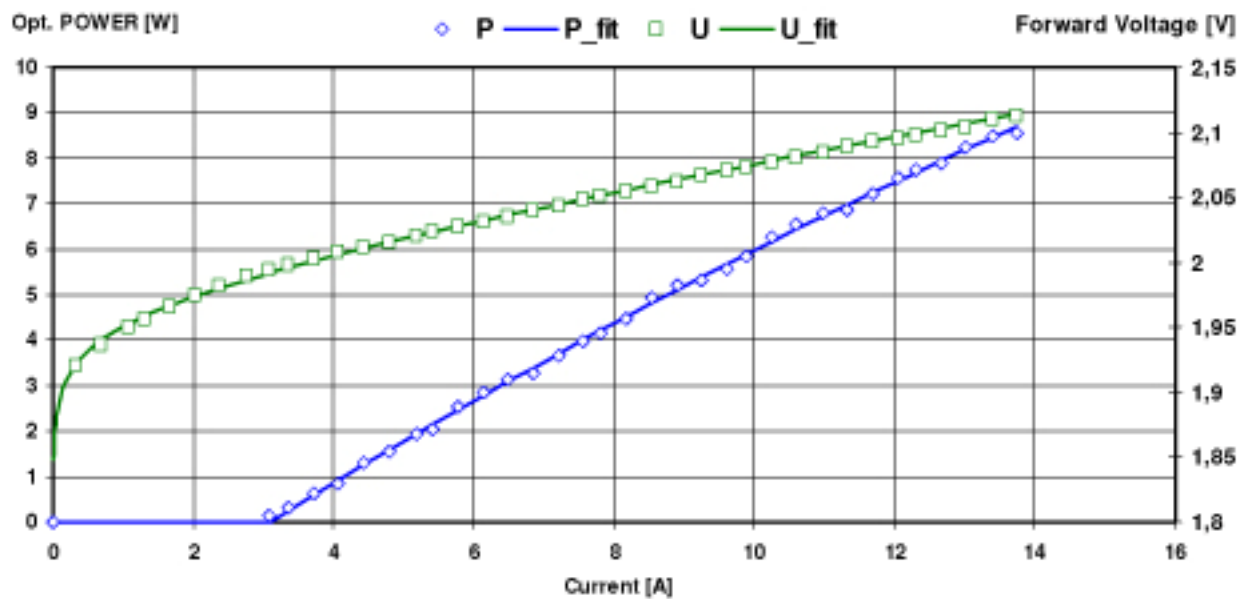
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# Example of M1-clQ-N-650-Z30.1.15

P ( 12 A)	7,5 W	Wavelength (cent.)	637,9 nm
I ( 8,0 W)	12,7 A	Line width	1,4 nm
Threshold	3,1 A	Temperature	20,5 °C
Slope	0,96 W/A	Current	12,5 A
Overall efficiency	29,8 %		
UF	2,10 V		
UE	1,97 V		
Rs	10,3 mOhm		



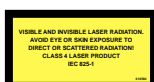
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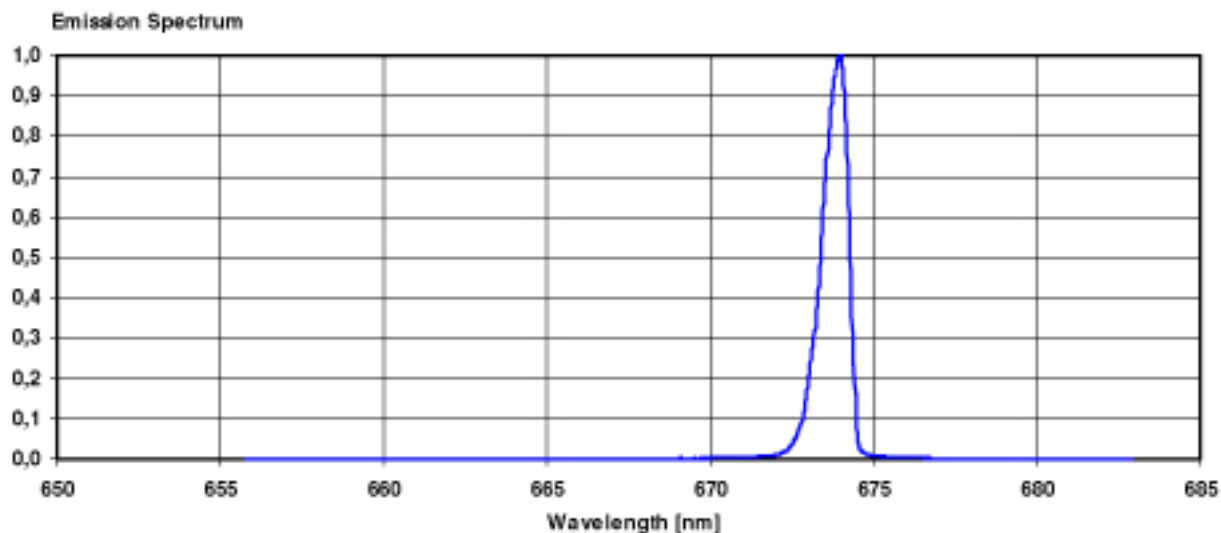
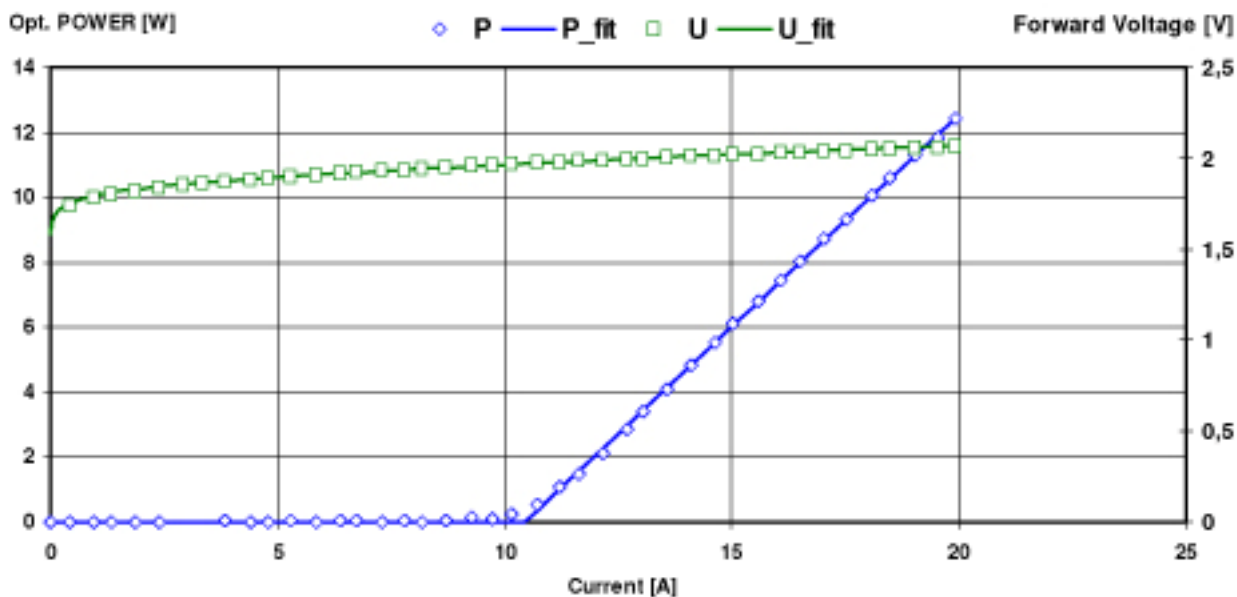
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# Example of M1-cEJ-N-650-Z3.2.15

P ( 20 A)	12,6 W	Wavelength (cent.)	673,7 nm
I ( 10,0 W)	18,0 A	Line width	1,3 nm
Threshold	10,4 A	Temperature	19,6 °C
Slope	1,31 W/A	Current	18,0 A
Overall efficiency	27,0 %		
UF	2,05 V		
UE	1,87 V		
Rs	10,1 mOhm		



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