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Water Cooled Both Axis Collimated Vertical Diode Laser Stack

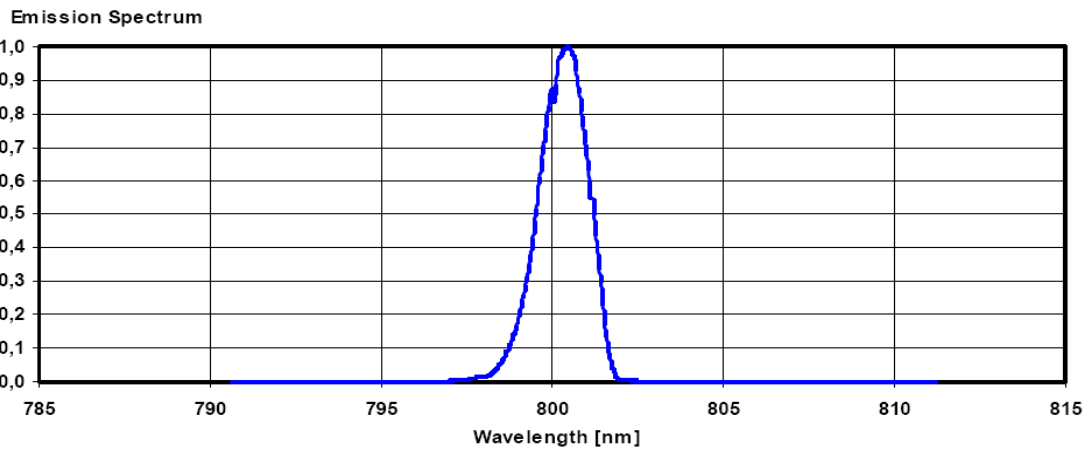
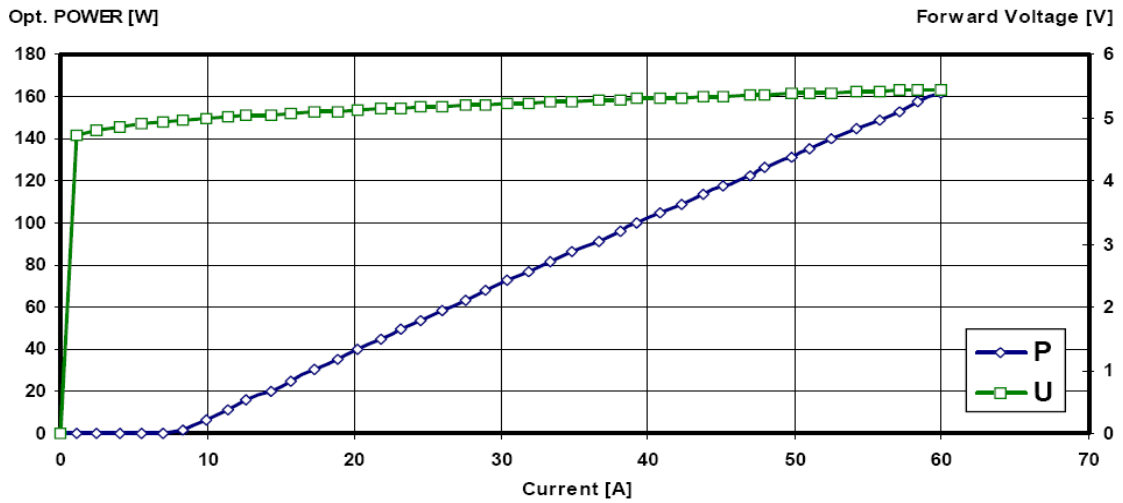
E1B-798.3-120C-VS1.5 (3-Bar Vertical Stack, Fully Collimated)

E1B-940.5-160C-VS1.10 (4-Bar Vertical Stack, Fully Collimated)

E1B-940.10-120C-VS1.3 (3-Bar Vertical Stack, Fully Collimated)

# Example of E1B-798.3-120C-VS1.5 (3-Bar Vertical Stack, Fully Collimated)

P ( 55 A)	147,0 W	Wavelength (cent.)	800,4 nm
I ( 90,0 W)	36,1 A	Line width	2,2 nm
Threshold	8,1 A	Temperature	25,0 °C
Slope	3,31 W/A	Current	54,8 A
Overall efficiency	47,3 %		
UF	5,27 V		
UE	4,96 V		
Rs	8,5 mOhm		



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

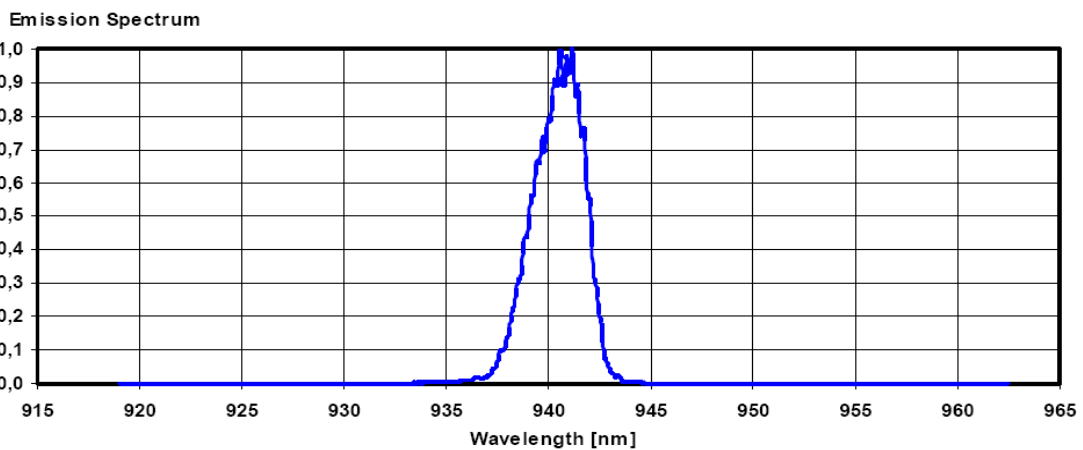
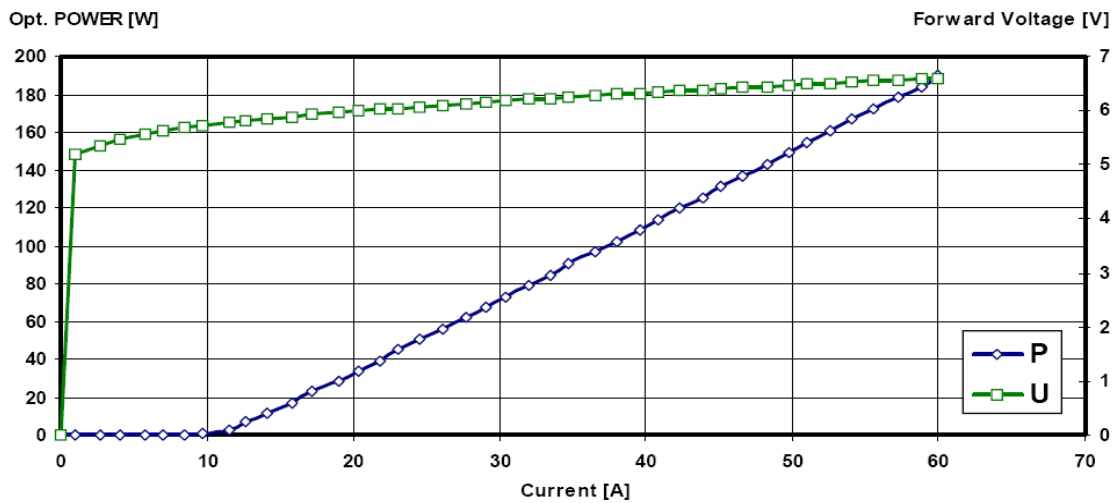
For complete details, please contact your local DILAS sales representative or visit our website at [www.DILAS.com](http://www.DILAS.com).

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# Example of E1B-940.5-160C-VS1.10 (4-Bar Vertical Stack, Fully Collimated)

P ( 50 A)	150,1 W	Wavelength (cent.)	940,4 nm
I ( 160,0 W)	52,5 A	Line width	3,9 nm
Threshold	11,5 A	Temperature	25,0 °C
Slope	3,90 W/A	Current	50,0 A
Overall efficiency	46,7 %		
UF	6,52 V		
UE	5,79 V		
Rs	13,9 mOhm		



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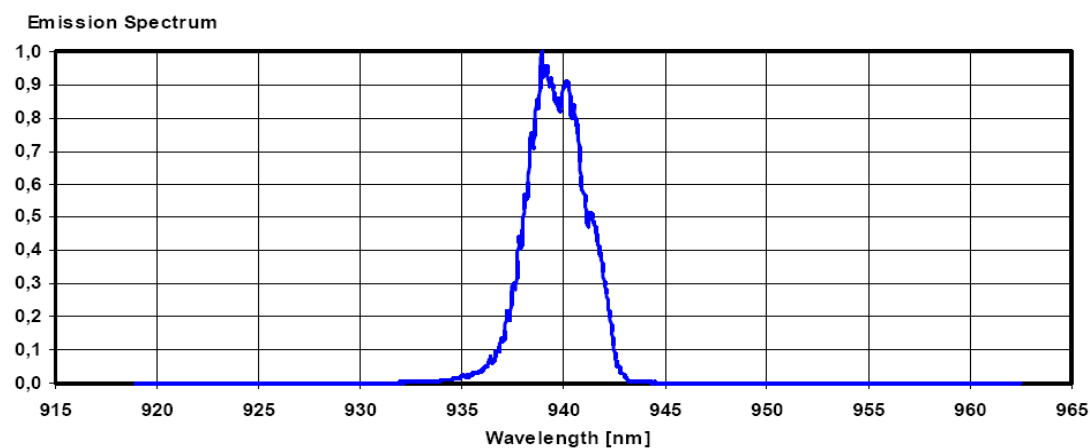
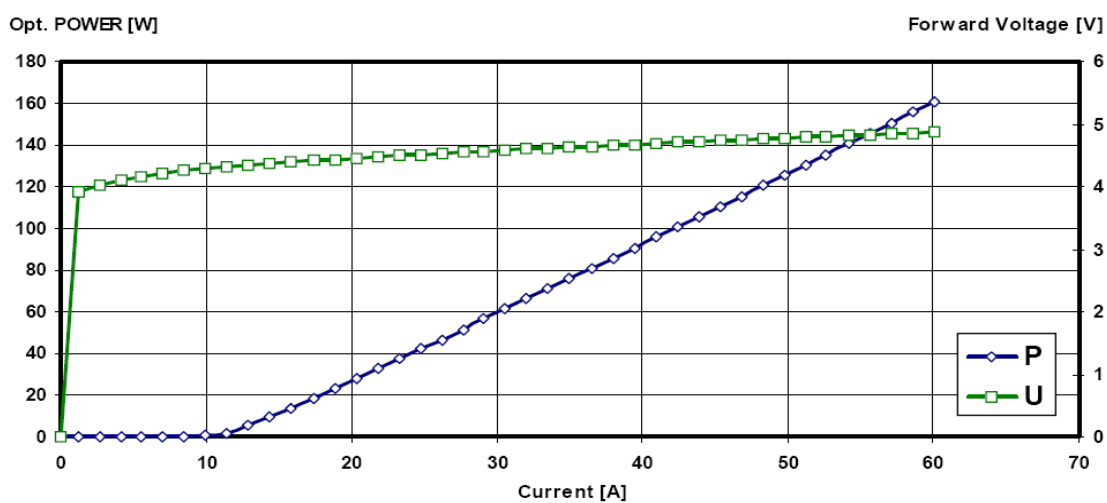
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# Example of E1B-940.10-120C-VS1.3 (3-Bar Vertical Stack, Fully Collimated)

P ( 50 A)	126,2 W	Wavelength (cent.)	939,9 nm
I ( 120,0 W)	48,1 A	Line width	4,6 nm
Threshold	11,9 A	Temperature	25,0 °C
Slope	3,31 W/A	Current	50,0 A
Overall efficiency	52,4 %		
UF	4,76 V		
UE	4,32 V		
Rs	9,2 mOhm		



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