

Conduction Cooled Vertical Stack Diode Laser Vsilk 2 Pro-2000



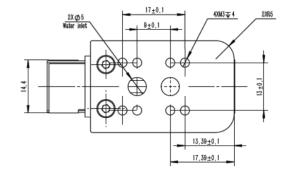
Features

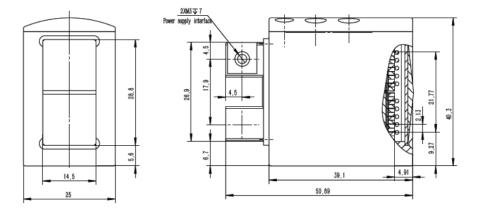
- High power 200W/bar
- High beam quality
- High reliability
- Small size
- Light weight

Applications

Hair removal

Product Dimensions (mm)





Remark: The structure drawing is for reference only. Please feel free to contact us for any special requirements.

All rights reserved. Product specifications and descriptions are subject to change. Product delivered with limited warranty. Please contact our sales representative for complete details. Address: 56 Zhangba 6th Road, High-Tech Zone, 710077 Xi'an, Shaanxi, P. R. China Focuslight Technologies Inc. Tel: +86 29 8188 9945 | Email: sales@focuslight.com | Website: https://www.focuslight.com

Product Specifications

Product Code

Part No.¹

FL-Vsilk2Pro-2000-808

Optical Data ²	Unit	Value
Centroid Wavelength	nm	808
Wavelength Tolerance	nm	± 15
Output Power ³	W	2000
Number of bars	-	10
Bar to Bar Pitch	mm	2.1
Fast Axis Divergence 95%	٥	5~7
Slow Axis Divergence 95%	٥	12 ~ 14
Spot Size ⁴	mm	12 × 24
Wavelength Temp. Coefficient	nm/°C	~ 0.28
Electrical Data ²		
Operation Current	А	≤200
Threshold Current	А	≤ 30
Operating Voltage	V	≤ 20
Slope Efficiency per bar	W/A	≥ 1.1
Power Conversion Efficiency	%	≥ 48
Max. Pulse Width	ms	400
Max. Duty Cycle	%	30
Miscellaneous Data ²		
Operating Temperature ⁵	°C	22 ~ 28
Coolant	-	Distilled water or pure water
Flow Rate	L/min	3 ~ 4

¹Part No. = Brand Code - Series - Power - Centroid Wavelength .

² Data at 25°C unless otherwise stated.

³ Reduced lifetime if used above nominal operating conditions.

⁴ At the 32mm working distance.

⁵ A non-condensing environment is required for storage and operation below ambient dew level.



Rev 02 | Updated 2023-10-24