

Multiple Wavelenght and Ferrule Diameter Options Five different wavelength options are available: 455, 470, 525, 587 and 625 nm

Two different ferrule diameter options are available: 455, 470, 525, 587 and 625 nm Two different ferrule diameter options are available: 1.25 mm and 2.50 mm. (For custom wavelength or ferrule diameter options please contact sales@multichannelsystems.com)

Width 9 mm

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W2100-opto-LED

Technical Specifications

N115

All light intensity values are measured in mW/mm² @ 700mA. Averages of 100 pulses with 200 ms "ON" and 800 ms "OFF".

Wavelength [nm] / Optical Fiber Ø	625	587	525	470	455
Type of LED	LR W5SN- JYKY-1-Z	LY W5SN- KXLX-46-Z	LT W5SN- KYLY-25-Z	LB W5SN- GZJX-35-Z	LD W5SN- 1U2V-35-Z
Ferrule: 1.25 mm					
0.4 mm (CFML14L05)	66.45	20.69	37.00	64.06	97.49
0.2 mm (CFML12L05)	66.85	19.10	42.97	68.44	76.40
Ferrule: 2.5 mm					
0.4 mm (CFM14L05)	65.65	17.91	31.04	62.47	75.60
0.3 mm (CFM13L05)	62.25	16.98	29.00	61.54	79.93
0.2 mm (CFM22L05)	82.76	19.10	36.61	90.72	113.00

Note: Maximum current is 1000 mA for higher light intensities and stimulation pattern with short duty cycles.

Measured with Thorlabs light guides, for more information please visit thorlabs.com. Warning: Do not overheat the LED! High frequent stimulation with high stimulation current will produce heat!

Technical Specifications

Dimensions (W x H x L) Weigth Connector type to the W2100-opto headstage Diameter of the ferrule holder

Software

Operating system

Data acquisition, analysis and export software

9 mm x 6 mm x 56 mm 0.82 g without ferrule Mill-Max 1 mm Pitch: 860-10-050-10-002000 + Magnet-cuboid Maqna QA-3x1x1-N45-N) 1.25 mm or 2.5 mm

Windows ® 10, 8.1 (64 bit) Multi Channel Suite Version 2.4.4 and higher



Warning: LED Class 1M: This class is safe for viewing directly with the naked eye, but may be hazardous to view with the aid of optical instruments.

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