



CW-DPSS Laser GLM-Series

The GLM-Series provide output power at 30, 50, 80 or 100 mWatts. These lasers are available in a standard version with a power stability of < 20% over 4 hrs. and a high stability version with < 5%. This product line features TE-cooling and is optionally available with a modulation capability up to 10 KHz, making these units especially suitable for laser light shows in the standart version.

An expected lifetime of >5000 hrs. provides for a very cost effective solution for even demanding applications.

Laser	GLM-A-30	GLM-A-50	GLM-A-80	GLM-A-100	GLM-B-30	GLM-B-50	GLM-B-80	GLM-B-100
Wavelength	532 nm							
Output power	30 mW	50 mW	80 mW	100 mW	30 mW	50 mW	80 mW	100 mW
Operating mode	CW							
Transversal mode	TEM00							
Beam quality M²	< 1.2				< 1.5			
Spektral composition	multi mode							
Beam diameter	< 1.2 mm				< 2 mm			
Divergence	< 1.0 mRad							
Pointing stability	< 0.05 mRad/ hr.							
Polarisation	> 100 : 1							
Power stability	< 5 %/ 4 hrs.				< 20 %/ 4 hrs.			
Modulation option	up to 10 KHz							
Warm up time	<15 min.							
Operating temperature	+ 10° - + 35° C				+ 20° - + 35° C			
Warranted lifetime	>3000 hrs.							
Average lifetime	>5000 hrs.							
Laser head dimensions	156 (180.8) × 73 × 46.2 mm							
Power supply dimensions	62 x 100 x 55 mm, (135 x 70 x 40)							
Mains supply	12 VDC, (220 VAC, 110 VAC)							
Power consumption	55 VA							

