

DATASHEET

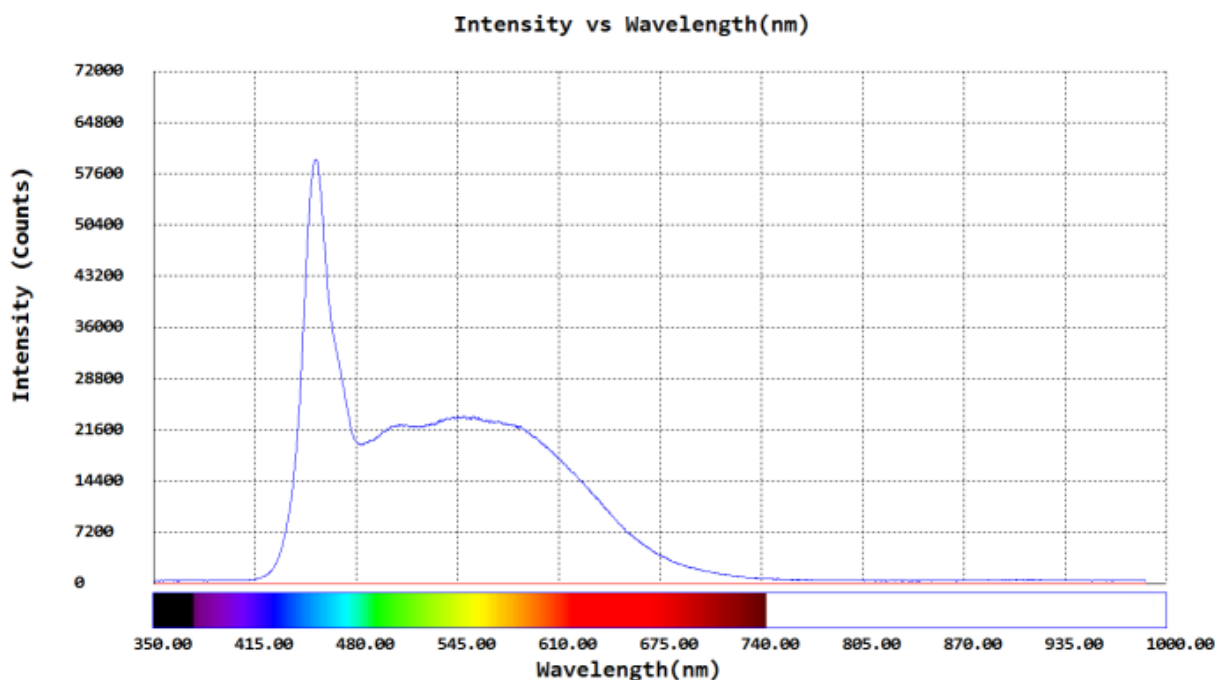
White LED Light Source *GL-LEDW-3W*



GL-LEDW-3W, produced by Glydden Science Pte Ltd, is a white LED light source with an optical fiber connector. Professional heat dissipation design with a TEC cooler and constant current control of the white LED can stabilize its light spectrum and power. GL - LEDW -3W can be controlled with a computer directly through GUI in modes of continuous, pulse and external trigger.

In the continuous mode, GL-LEDW-3W outputs a stable continuous white light. In the pulse mode, it outputs light pulses at adjustable repetition. For these two modes, the output power can be adjusted from 0 to 100% linearly through the GUI. In the external trigger mode, it can be controlled by external equipment through a three-pin connector. GL-LEDW-3W can be used with an optical fiber spectrometer or integrated into other equipment easily. It is a compact and cost-effective white LED light source with various applications.

The default fiber connector of GL-LEDW-3W is SMA905. Customers can choose other fiber connectors such as FC connector etc. A typical spectrum as below is measured by GLA600-UVN fiber optical spectrometer produced by Glydden Science Pte Ltd.



Technical Specifications

ITEMS	INDEX	UNITS
DC Power Supply	3A@5V	
Warm up Time	10	S
Output Power	0-2 (Depending on the output optical coupling structure)	mW
Control	PC	
PC Connector	USB2.0	
Wavelength Range	410-700	nm
Output Stability	0.31	%
Adjustable Light Intensity	0-100%	
Lifetime	20,000	hrs
Cooling	Built-in TEC with an outside heat sink	
Fiber Connector	SMA905 (Optional upon request)	
Dimensions	150 x 97 x 40	mm
Weight	470	g

Need to customize your product? Our team of experienced designers can help you. Kindly contact us:

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