

SUN-LST (65、85、98、13/15) A Desk Light Source

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A Stable Light Source, with high measuring precision, high stability, high Q/P ratio, is ensured the stable output power (Short-time stabilization: $\pm 0.005\text{dB}/15\text{min}$; Long-time stabilization $\pm 0.05\text{dB}/6\text{h}$) by APC technology and ATC technology. It is a very important instrument in the optical communication, the construction and maintenance in fiber communication system.



Optical Specifications:

Type	SUN-LST (65、85、98、13、15)	SUN-LST13/15
Emitter Type	LD/DFB-LD	
Wave length	650 \pm 5、850 \pm 5、980 \pm 5、1310 \pm 5、1550 \pm 5	1310/1550 \pm 20
Output Mode	CW	
Fiber Type	SMF/MMF	
Output Power (MMF>	$\geq -7\text{ dBm}$	
Output Power (SMF>	$\geq -3\text{dBm}$	
Short-time stabilization	$\pm 0.005\text{dB}$	
Long-time stabilization	$\pm 0.05\text{dB}$	
Optical interface	FC adapter	

- 1, Short-time stabilization: uninterrupted light output, under $23\pm 1^\circ\text{C}$, 15 min.
- 2, Long-time stabilization: uninterrupted light output, under $0\sim +55^\circ\text{C}$, 6hours
- 3, Testing situation of stabilization is OK after 60 minutes warm-up.
- 4, Reliability: MTBF $\geq 5000\text{h}$
- 5, Working Environment: Temperature $0\sim +55$; Humidity 20~95%RH
- 6, Storage Environment: Temperature $-20\sim +70$; Humidity 85%RH
- e. Power AC220V $\pm 10\%$, 50Hz $\pm 5\%$, 20VA max