

DPSS 589nm Yellow Laser



Specifications:

Model	Lasence-589-050T
Output Power @ 25 °C	50mW
Wavelength	589±1nm
Transverse Mode	TEM00
Operation Mode	CW
Power Stability over 2 hours after Warm-up	<5%
Pointing Stability after Warm-up	<0.05 mrad
Warm-up Time	< 15 minutes
M2 Factor	< 1.5
Beam Divergence (1/e ² , Full Angle)	< 1.5 mrad
Beam Diameter at the Aperture	~ 2.0 mm
Polarization Ratio	>100:1
Operating Temperature	10°C~35°C
Laser Head	SDL-LH-700: 142x73x46mm
Power Supply	SDL-PS-300: 134x130x62mm
Input voltage	90-265VAC 50/60Hz
Modulation	TTL Modulation >5KHz
Expect Life Time	10000 hours
Warranty Time	1 year

* 4 or 8 hours Longer operation period output power stability are available on request.

* Better (<3%,<1%) power stability are available on request.

* Other version power supply are available on request.

1. Current display, power adjustable function version

SDL-PS-400: 200x225x82mm

2. OEM DC input version.

SDL-PS-100: 100x62x42mm

* Analog Modulation >2KHz or higher as option.

* Up to 30Khz TTL modulation on request.

* Line output version are available on request.

* Fiber coupled version are available on request.

* Longer warranty on request.

* Other custom-made design is available, please contact us for details.

