

长春新产业光电技术有限公司

Changchun New Industries Optoelectronics Tech. Co., Ltd.

DATA SHEET

phun New Industries Optwelectronics Tech. Co., Ltd. (CNI) 668: Chuangsin R.d., Changchun, P. R. China

HPL-Q-556 /10~50W

SPECIFICATIONS

LD PUMPED ALL-SOLID-STATE
YELLOW LASER

All solid state 556nm yellow laser is made features of high power, high repetition rate, and short pulse duration, which is widely used in communication, military, laser medical treatment, scientific experiment, optical instrument, etc.



Wavelength (nm)	556±1	
Average power (W)	10~50	
Operating mode	Pulse (Q-switched)	
Power stability (rms, over 4 hours)	<3%, <5%	
Warm-up time (minutes)	<10	NH/
Rep. rate (kHz)	15	
Pulse duration (ns)	100	77T
Single pulse energy (mJ)	3.3@15kHz,50W, typical	
Peak power (kW)	33@15kHz,50W, typical	
Beam divergence, full angle (mrad)	<3.5	
Beam diameter at the aperture (mm)	~19.0	AVOD EXPOSIRE Laser rated on is entited from this APERTURE
Beam height from base plate (mm)	55	DANGER
Operating temperature (°C)	10~35	DANGER
Power supply (90-264VAC)	PSU-HPL-Q(4U)	LASERRADATION-AVOIDENE CR.SAN
Expected lifetime (hours)	10000	FEAKFOWER-80W WAMELENGTH Solum-Solum
Warranty period	1 year	CLASS IV LASER PRODUCT This does empisy with 21 CFR (00 H and 100 H (Therein Shart Industry 11 CFR (10 H 107 H)

