

Horizon Energy Specifications

Tuning Range* (nm)		400-2750	192-400
Pump Laser		Energy at Peak (mJ) 425nm	Energy at Peak (mJ) 325nm
Pump Model	OPO Pump Energy (mJ) at 355nm		
Horizon I pumped with 200mJ or less			
SL I-10	100	30	6
SL II-10	160	50	10
Horizon II pumped with 200mJ or more			
SL EX	220	80	15
PL 8000	290	110	20

Horizon Specifications

Description	SL I, II, EX	PL 8000
Pulsewidth (nsec)	3-5	3-7
Pointing Stability (μ rad)	< \pm 100	< \pm 100
Linewidth (cm^{-1})		
Seeded		2-6
Unseeded		3-7
Energy Stability (% , 99% of shots)		< \pm 10
Divergence (mrad, FWHM)		<2 (both axes)
Beam Diameter (mm, near field)		4-7
Beam Roundness (% , near field)		>85
Polarization (%)		
Signal Horizontal		>99
Idler Horizontal		>99

Notes:

As a part of our continuous improvement program, all specifications are subject to change without notice.