

# Powerlite Furie LD Specifications

| Description PL Furie LD                                     | 1064nm     | 532nm    |
|---|------------|----------|
| Repetition Rate (Hz)  | 10         | 10       |
| Energy (J)  | 7J         | 5J       |
| Pulsewidth (nsec)   | <15        | <15      |
| Divergence (mrad)   | <0.5       | <0.5     |
| Beam Pointing Stability <sup>1</sup> ( $\pm\mu\text{rad}$ ) | <40        | <40      |
| Beam Diameter ( $\pm 1$ mm)                                 | 20         | 20       |
| Beam Spatial Profile (Gaussian fit)                         | >0.8       | >0.8     |
| Warm up time <sup>2</sup> (min)                             | <30        | <30      |
| Jitter <sup>3</sup> ( $\pm\text{ns}$ )                      | 1.0        | 1.0      |
| Energy Stability ( $\pm\%$ RMS)                             | 1.0        | 1.5      |
| Energy Drift <sup>4</sup> ( $\pm\%$ )                       | <1.0       | <1.5     |
| Polarization  | horizontal | vertical |

Modular, single rack power supply



## Notes

1. 99.9% shots will be  $<\pm 30 \mu\text{rads}$  with  $\Delta T$  room  $<\pm 3^\circ\text{C}$
2. Time to reach full energy
3. With respect to external trigger, unseeded
4. Average for 8 hours with  $\Delta T \pm 3^\circ\text{C}$