

The key issues for KrF are being addressed with the Electra and Nike Lasers at NRL

Electra:

> 400 J laser light
500 keV/100 kA/100 nsec
5 Hz; 100,000 shots (5 Hrs)

Develop technologies for:

*Rep-Rate,
Durability,
Efficiency,
Cost*



Nike:

3-5 kJ laser light
750 keV, 500 kA, 240 nsec
single shot

*E-beam physics on full scale diode
Laser-target physics*





<http://wwwppd.nrl.navy.mil/branches/6730/6730.html>

<http://other.nrl.navy.mil/Electra/Global/Sethian.KrFTutorial.APS.DPP.2002/Sethian.KrFTutorial.APS.DPP.2002001.html>