

COMMISSIONING RESULTS OF ELIAS - VERY LARGE APERTURE COATING SYSTEM FOR ULTRA-INTENSE LASERS



- High LIDT very large optics Coating capability
- Single optic up to 1200mm
- Electron Beam Deposition
- Optimized for high uniformity – ultrafast coatings
- Plasma ion assistance (newly developed prototype by CCR)

Coating development (THRILL)

- Metallic HR – first samples
- Low GDD HR 1060nm
- MLD “grating” HR 1060nm
- Low GDD HR 800nm
- AR
- GLAD coatings (~500mm)
- **LIDT** testing in ELI-BL (upgraded)

