

LightGate Family BBO Pockels Cells

Featuring high optical transmission, high contrast ratio and
CCI quality BBO crystals



Dual Crystal LightGate

- Higher repetition rate and higher average power than KD*P cells
- Dual crystal configuration
- Apertures 3,4,5 and 7mm
- Operating voltages similar to longitudinal KD*P designs at 3mm
- Optical transmission >98%



XtraLong Crystal SX LightGate, Macro and Micro LightGate

- Lower operating voltage on SX LightGate cell than competing single crystal cells
- Apertures from 1-4mm
- Micro cells for ultra small cavity $\lambda/8$ use



Triple Crystal LightGate

- Even lower voltage requirements than dual crystal cells—ideal for highest repetition rate applications
- Consistently high optical transmission



Water Cooled Aperture LightGate

- Very high average power, high repetition rate
- Successfully operated at >150W intracavity
- Custom designs available



CLEVELAND CRYSTALS

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