|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Libra** | **Evolution** | **Current/A** | | | 1 A | **LBO control** | | 326.8 |
| **Vitesse** | **Vitesse Power/mW** | | | 299.5 mW | **Verdi Power/W** | | 1.31 mW |
| **Verdi FAP/A** | | | 11.94 A | **TBaseplate/oC** | | 25.92 oC |
| **SDG** | **Out 1 Delay/ns** | | |  | **Out 2 Delay/ns** | |  |
| **Sync Out Delay/ns** | | |  | **Trigger Frequency/kHz** | |  |
| **Libra** | **Motor Speed/rpm** | | | 2.5 | **Regen Power/W** | |  |
| **Pulse energy in chamber** | | |  | **Compressor Power/W** | |  |
| **Focusing** |  | | | | **Laser Wavelength/nm** | | 801.2 |
| **Deposition** | **Substrate** | **Materials** |  | | | **Temperature/oC** |  | |
| **Size** |  | | | **Rotation Speed/rpm** |  | |
| **Target 1** | **Name** |  | | | **Materials** |  | |
| **Size** |  | | | **Rotation Speed/rpm** |  | |
| **Target 2** | **Name** |  | | | **Materials** |  | |
| **Size** |  | | | **Rotation Speed/rpm** |  | |
| **Target 3** | **Name** |  | | | **Materials** |  | |
| **Size** |  | | | **Rotation Speed/rpm** |  | |
| **Distance/mm** |  | | | | | | |
| **Vacuum Level/Torr** |  | | | | | | |
| **Atmosphere** | **Gas 1/flow rate** | |  | | **Pressure/mTorr** | |  |
| **Gas 2/flow rate** | |  | | **Pressure/mTorr** | |  |
| **Deposition Time** | **Duration: 3hrs** | | | | **From: To:** | | |
| **Comments** | |  | | | | | | |

**The Femtosecond PLD Experiment (Lab- B45)**