FLASH Dose Rates

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| Circular Diameter Field Size (cm) | Approx Depth of 80% dose(cm) | Dose / pulse$$Gy (\pm ΔD\%)$$ | Dose Rate (Gy/s) |
| OPEN | 3.0 | $0.6 Gy (\pm 4.2\%)$ - $259.1 Gy (\pm 2.3\%)$ | $$186-77,733$$ |
| 2 | 1.9 | $1.0Gy (\pm 4.0\%)$ - $68.6 Gy (\pm 2.6\%)$ | 312 – 20,589 |
| 5 | 2.2 | $1.0 Gy (\pm 4.0\%)$ - $28.4 Gy (\pm 2.6\%)$ | 303 – 8,509 |
| 6 | 2.2 | $1.0 Gy (\pm 2.9\%)$ - $26.1 Gy (\pm 2.3\%)$ | 290 – 7,814 |
| 10 | 2.2 | $0.7 Gy (\pm 2.6\%)$ - $8.8 Gy (\pm 2.9\%)$ | 220 – 2,631 |

Conventional Dose Rates

|  |  |  |  |
| --- | --- | --- | --- |
| Circular Diameter Field Size (cm) | Approx Depth of 80% dose(cm) | Dose / pulse$$Gy (\pm ΔD\%)$$ | Dose Rate (Gy/s) |
| OPEN | 2.5 | $$0.051 Gy (\pm 0.01\%)$$ | 0.51 |
| 2 | 1.7 | $$0.089 Gy (\pm 0.02\%)$$ | 0.89 |
| 5 | 2.0 | $$0.086 Gy (\pm 0.13\%)$$ | 0.86 |
| 6 | 2.0 | $$0.084 Gy (\pm 0.02\%)$$ | 0.84 |
| 10 | 2.0 | $$0.058 Gy (\pm 0.02\%)$$ | 0.58 |