



UV Converter Crystal Selection

Guidance to select the best converter for your application

Crystal	Primary Application	λ nm Band	λ Relative Response @ 193, 248, 308 nm	Saturation mJ/cm ² @ 193, 248, 308 nm	Decay Time
C	193	150 to 225	22, 0.17, 0.03	400	3-5 μ s
G	Wide λ , low fluence	1-400	480, 480, 112	10, 10, 50	100 ns
P	< 350 nm, high fluence, fast	150-350	48, 15, 1	30, 30, 50	5 μ s
R	Wide λ , high fluence, slow	150-532	100, 8, 0.18	50, 400, 400	3,000 μ s

