



Typical Laser Classifications

Wavelength (nm)	Continuous Wave (CW)		Pulsed (Single Pulse)	
	Class 3B (mW)	Class 4 (mW)	Class 3B (mJ)	Class 4 (mJ)
180-400	1.44E-2* - 500	> 500	1.18E-2* - 125	> 125
400-700	5 - 500	> 500	3.85E-4 - 30	> 30
700-1400	1.93* - 500	> 500	3.87E-4* - 125	> 3.87E-4* to > 125
1400 to 10 ³ μm	48.1 - 500	> 500	3.93E-1* - 125	> 3.93E-1* to > 125

Note: The lowest value in each CW Class 3B power range was determined assuming default ocular exposure times of 100 seconds for 180-400 nm, 0.25 seconds for 400-700 nm, 10 seconds for 700 nm - 1000 um. The lowest value in each pulsed Class 3B power range was determined assuming a 1E-9 second pulse duration.

*This value varies by wavelength; this is the most restrictive value.

Questions?

Please contact the GT Laser Safety Officer
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