

LIDT TEST RESULTS

LIDT VALUE

10^4 -on-1

$0.784^{+0.025}_{-0.025} \text{ J/cm}^2$

CHARACTERISTIC DAMAGE CURVE

Table 1: Estimated LIDTs from fitting model for sample JLF012.

Test mode	Threshold (Catastrophic)	Threshold (Color mode)
1-on-1	$0.944^{+0.024}_{-0.024} \text{ J/cm}^2$	$0.873^{+0.026}_{-0.026} \text{ J/cm}^2$
10-on-1	$0.885^{+0.037}_{-0.037} \text{ J/cm}^2$	$0.841^{+0.038}_{-0.037} \text{ J/cm}^2$
10^2 -on-1	$0.852^{+0.026}_{-0.026} \text{ J/cm}^2$	$0.841^{+0.038}_{-0.037} \text{ J/cm}^2$
10^3 -on-1	$0.852^{+0.026}_{-0.026} \text{ J/cm}^2$	$0.796^{+0.037}_{-0.037} \text{ J/cm}^2$
10^4 -on-1	$0.852^{+0.026}_{-0.026} \text{ J/cm}^2$	$0.784^{+0.025}_{-0.025} \text{ J/cm}^2$

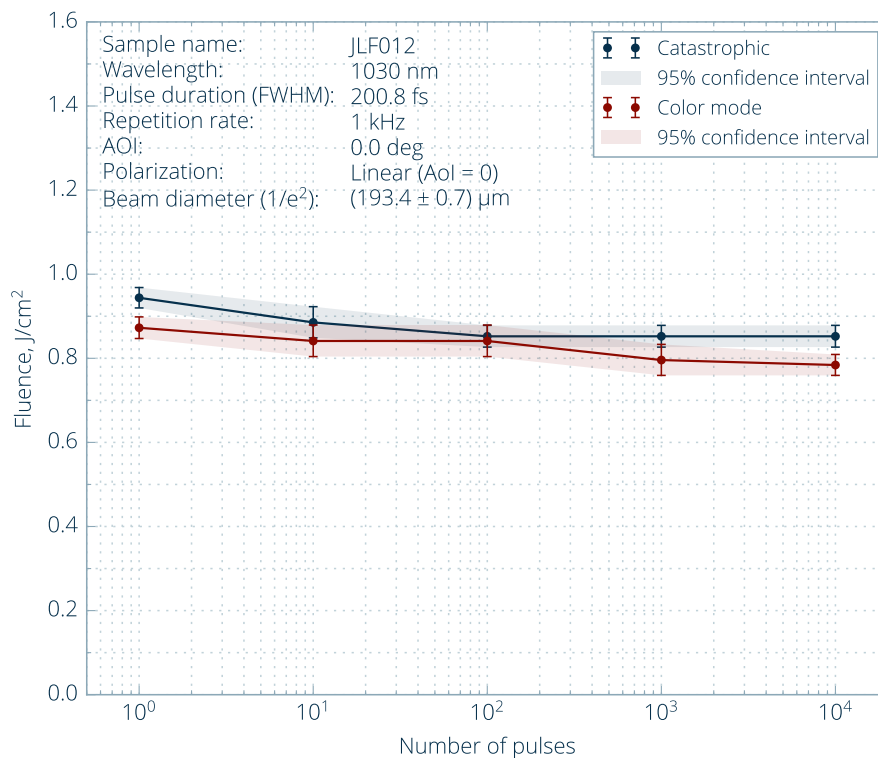


Figure 2. Characteristic damage curve.

DAMAGE PROBABILITY (CATASTROPHIC)

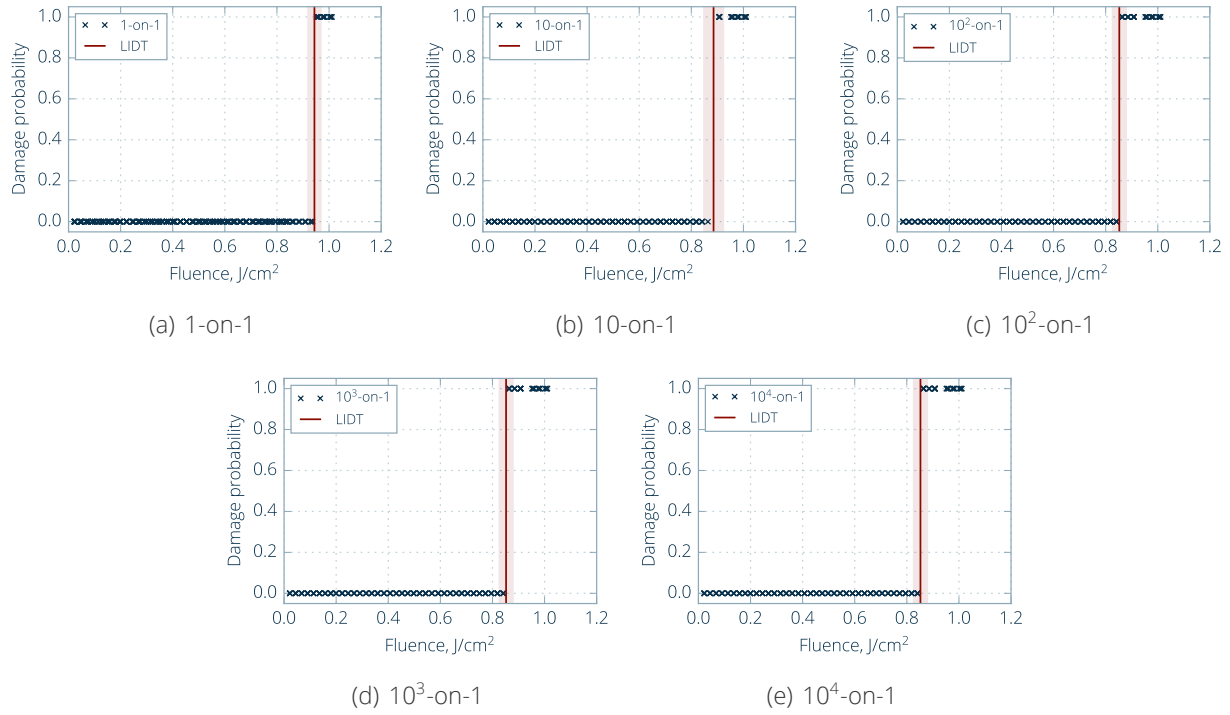


Figure 3. Damage probability plots.

TYPICAL DAMAGE MORPHOLOGY (CATASTROPHIC)

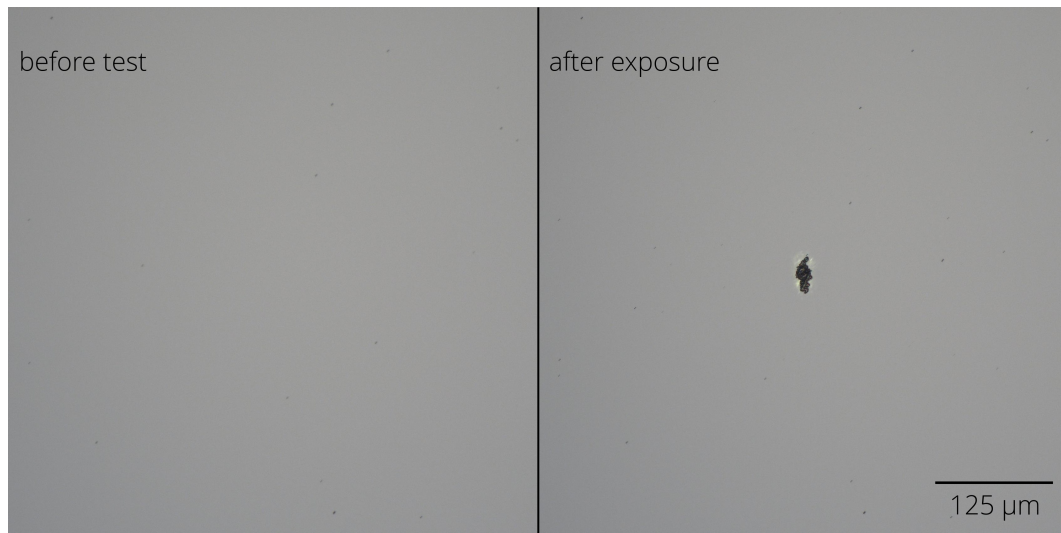


Figure 4. Typical damage morphology: fluence 0.863 J/cm², damage after 38 pulse(s).

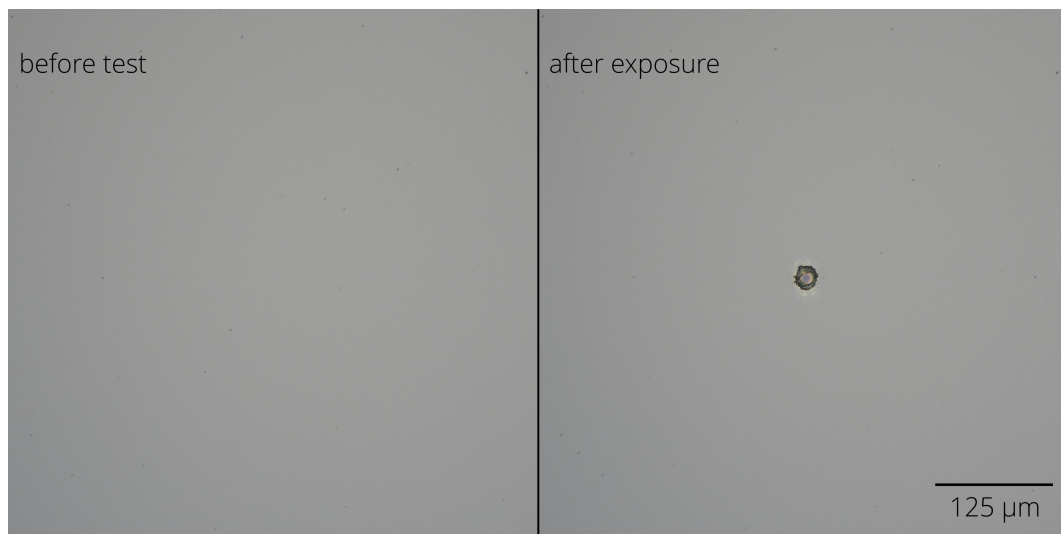


Figure 5. Typical damage morphology: fluence 0.908 J/cm², damage after 7 pulse(s).

DAMAGE PROBABILITY (COLOR MODE)

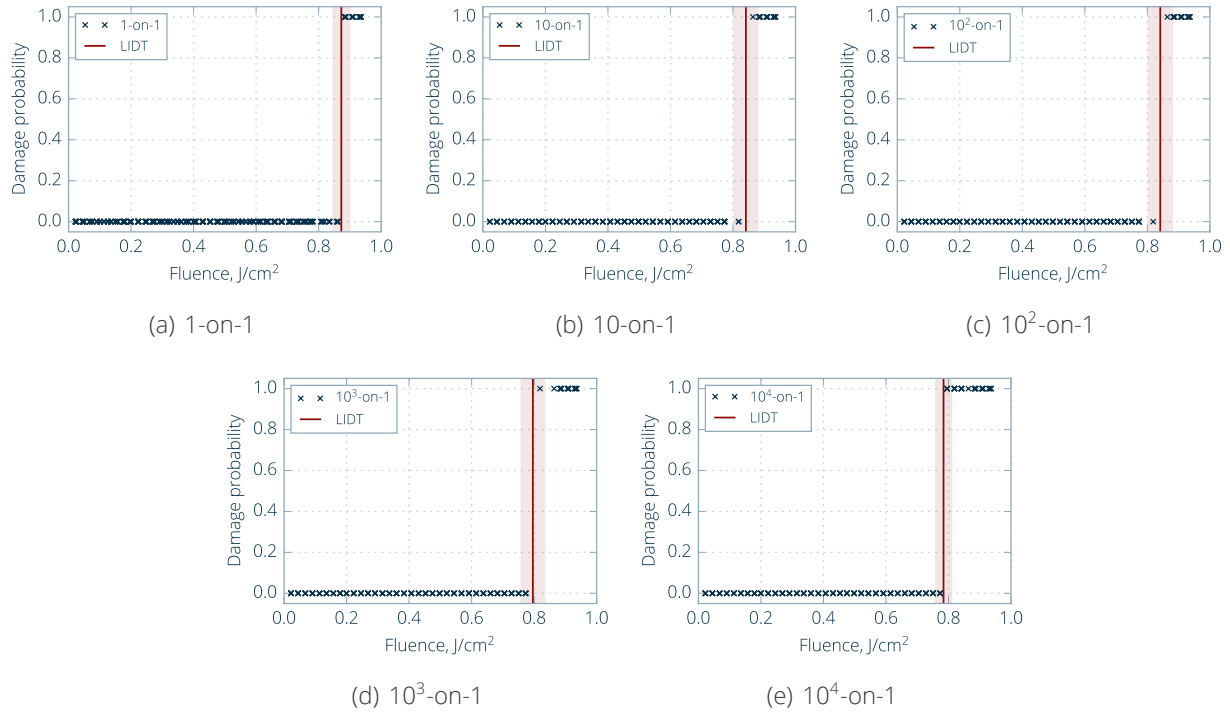


Figure 6. Damage probability plots.

TYPICAL DAMAGE MORPHOLOGY (COLOR MODE)

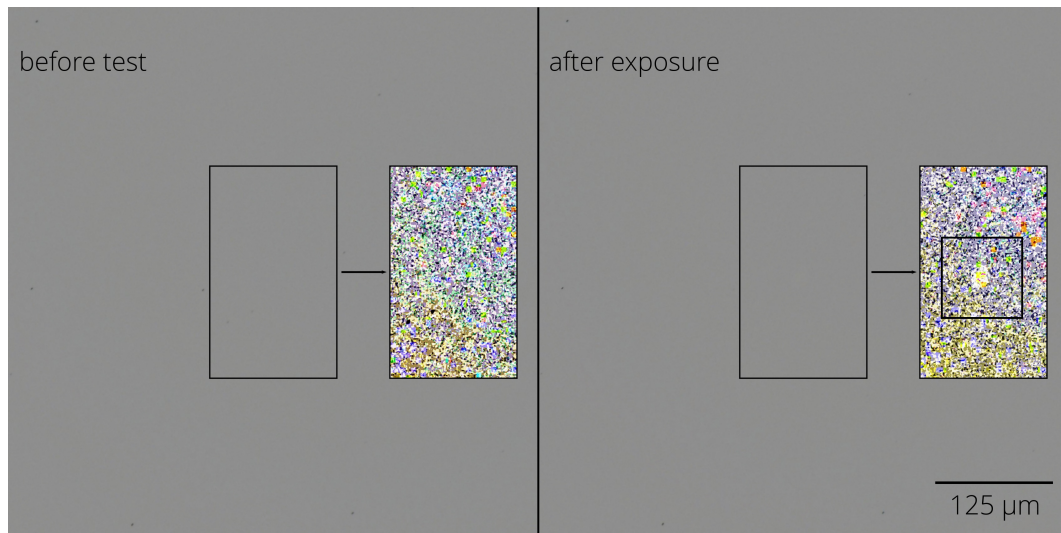


Figure 7. Typical damage morphology: fluence 0.795 J/cm^2 , damage after 10000 pulse(s). High contrast image.

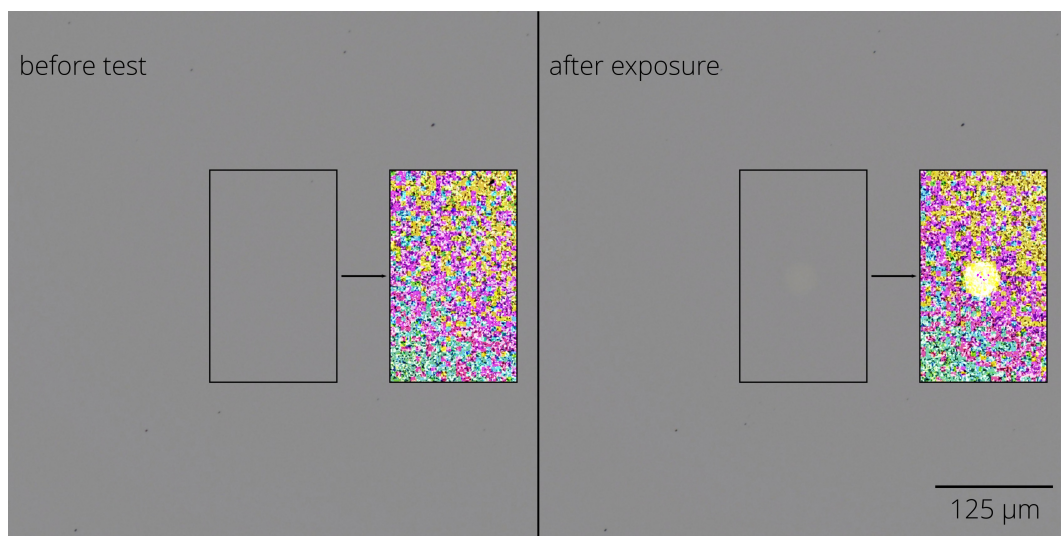


Figure 8. Typical damage morphology: fluence 0.841 J/cm^2 , damage after 10000 pulse(s). High contrast image.