

IR-Conversion Screen LDT-1064BG

Spectral Range 800 – 1700 nm

The new Conversion Screen LDT-1064BG is the successor of our former bestseller LDT-1064. Having the same sensitivity like before, the damage threshold has been increased significantly.

The LDT-1064BG converts IR radiation from 800 – 1700 nm to visible green. The emission is based on “photon up conversion” effects. The conversion screen is suitable for cw and pulsed lasers.

This new screen does not require UV light activation or moving.



Model	LDT-1064BG
Excitation range	800 – 1700 nm
Emission	green (approx. 530 nm)
Size of the screen	100 mm x 25 mm
Active size	23 mm x 23 mm
Minimum intensity	<1 mW/cm ² (1064 nm, cw) <100 µJ/cm ² (1064 nm/pulsed)
Maximum intensity	>10 kW/cm ² (1064 nm, cw) >30 J/cm ² (1064 nm, Q-switched)

