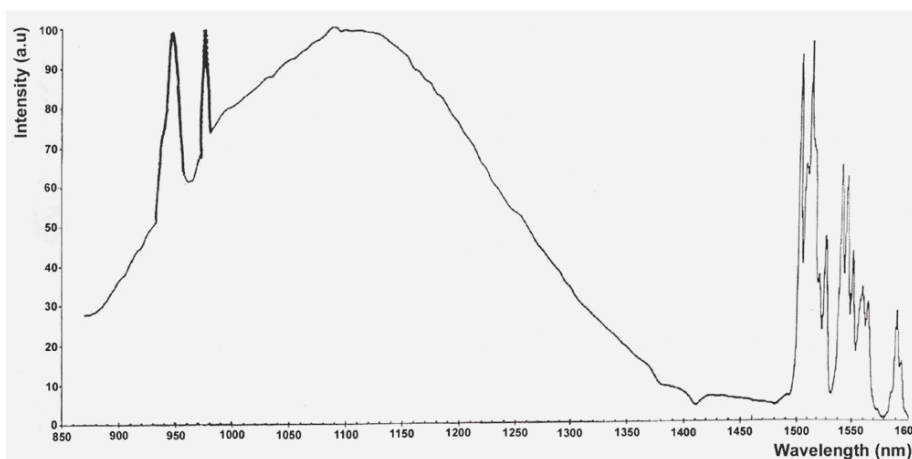


IR-Sensor Card 800 – 1600 nm LDT-008 R

The new IR-conversion screen is a unique card. Starting below 800 up to 1600 nm it converts invisible light into visible. It's emission is red (except a incidence of 950 – 980 nm where it emits green). The emission is based on "photon up conversion" effects. The LDT-008 is active, it does not need to be excited with UV-light. Converting from 1 mW up to 5 W/cm² at 1064 nm (even higher for a short period), it is a very versatile tool for everybody working with lasers in the range of 800 – 1600 nm.



Model	LDT-008 R
Peak emission	Green (545 nm) @ 950 ~ 980 nm; Red (670 nm) @ 1500 ~ 1600 nm; Red (650 nm) @ others wavelengths
Excitation range	800 ~ 1600 nm, especially at 950 nm, 980 nm, 1064 nm, 1600 nm
Base material	PVC ISO card standard format
Dimensions	85 mm x 54 mm
Active size	54 mm x 42 mm
Approx Min IR intensity (daylight)	1 mW/cm ² @ 1064 nm
Approx Min IR intensity (darkened room)	0,1 mW
Approx Maximum IR intensity	5 W/cm ² (1064 nm)



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