

LDT-007 IR Conversion Screen 700 – 1300 nm



The LDT-007 series conversion screens are an inexpensive alternative to conventional IR cards. The active areas available are 20 x 20 mm (LDT-007) or 54 x 42 mm (LDT-007B) and mounted on white cardboard. To protect the active area and to improve mechanical stability the cards have been laminated. IR radiation between 700 – 1300 nm is converted into a visible orange glow within the active area. IR light from LEDs, laser diodes, IR HeNe lasers and low power Nd:YAG lasers can all be made visible with the LDT-007 card.



LDT-007 (standard model)



LDT-007B (with large active area)

Model		LDT-007
Re-produced light		orange
Wavelength range		700 nm – 1300 nm
Screen materials		active phosphor on cardboard
Active area	Standard model	20 mm x 20 mm
	Large area model	54 mm x 42 mm
Minimum incident IR intensity		ca. 0.5 mW/cm ² (cw, 1064 nm) at daylight but significantly less in a darkened room environment
Maximum incident IR intensity		ca. 5 W/cm ² (cw, 1064 nm)

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