

## IR DETECTOR CARD LDT-007BN 700 - 1400 nm

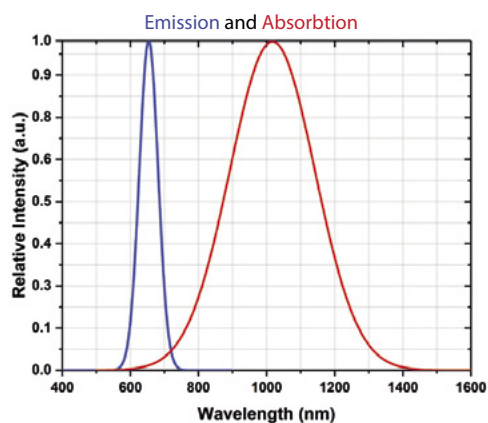


The new IR Detector card LDT-007BN is suitable to detect low and medium power IR light from IR laser diodes, low power ND:YAG lasers and IR LED'S. There is no need to optically charge LDT-007BN, and more importantly, it will not discharge (non-fade use). There is a constant light output for steady light input, and will detect IR at powers as low as  $8 \mu\text{W}/\text{cm}^2$  @ 1064 nm.

### SPECIFICATIONS

Model	LDT-007BN
Emission color [nm]	orange - red (approx. 654)
Stimulation range [nm]	700 - 1400
Screen material	active phosphor on cardboard
Active area [mm]	45 x 25
Minimum stimulation (cw)	$8 \mu\text{W}/\text{cm}^2$ @1064 nm
Maximum stimulation (single pulse)	$35 \text{ MW}/\text{cm}^2$ @1064 nm, 7 ns (estimated)
Persistence (stimulation removed) [ms]	< 50

Technical changes reserved.



Emission and Absorption plots (estimated).

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