

Laser Viewing Card

Laser viewing cards convert UV/ infrared radiation to visible radiation providing a visual image of light. The cards consist of an UV/ infrared phosphor material which stores the energy from conventional light sources (e.g. indoor room lighting, sunlight). As incident UV/ infrared light stimulates the phosphor, the stored energy is released in the form of visible light. Hand-held viewers are ideal for observation and alignment, of laser beams with wavelengths between 250nm and 13um. The viewer delivers a bright, high-contrast image with edge-to-edge

Wavelength Range	250nm-450nm	
Model Number	LDC-250-40	
Active Area	40×40 mm	
Coating Material	Down-conversion fluorescent materi	
Sensitivity @ 450 nm	0.26 uW/ cm 2	Dark environment
0.36 mW/ cm 2	Fluorescent lamp	

Wavelength Range	700nm-1600 nm	
Model Number	LDC-1550-25	LDC-1550-40
Active Area	25×25 mm	40×40 mm
Coating Material	Up-conversion fluorescent material	
Sen sitivity @ 980 nm	0.85 uW/ cm 2	Dark environment
Sensitivity @ 1550 nm	5.7 uW/ cm 2	
Sensitivity @ 980 nm	3.82 uW/ cm 2	Fluorescent lamp
Sensitivity @ 1550 nm	65 uW/ cm 2	

Wavelength Range	2um-13um	
Model Number	LDC-13000-40	
Active Area	40×40 mm	
Coating Material	Temperature sensitive film	
Sensitivity Temperature	30 °	

Wavelength Range	9 00-1100nm	
Model Number	LDC-1100A	
Peak Emission	540-548 nm/651-666 nm	
Active Area	20×15 mm	
Sensitivity @ 1064 nm	>20 mW/ cm 2	
CW Damage Threshold (kW/cm 2)	10	
Base Plate	Precision ceramic material	
Application	1.YAG/ fiber laser adjustment 2. I	
Dimension(mm)	1 5×50	