

IR Conversion Screen LDT-1064C/CL

Spectral range 780 – 830 and 870 – 1070 nm

The LDT-1064C and LDT-1064CL IR conversion screens have been developed for high power levels up to 3 kW/cm² and are mounted on a ceramic plate.

Radiation from 780 – 830 nm and 870 – 1070 nm is converted to 550 nm (green). The active surface extends all the way to the edges of the conversion screen, which is very helpful for alignment tasks. These screens do not require UV light activation.



Model	LDT-1064C / LDT-1064CL
Excitation wavelength	780 – 830 and 870 – 1070 nm
Emitted radiation	≈ 550 nm (green)
Base plate material and size of the screen	Ceramic 60 x 50 mm (LDT-1064C) 100 x 30 mm (LDT-1064CL)
Active area	50 x 48 mm (LDT-1064C) 30 x 30 mm (LDT-1064CL)
Minimum IR intensity	ca. 10 W/cm ² (1064 nm, cw)
Maximum incident IR intensity	ca. 3 kW/cm ² (1064 nm, cw)

Technical changes reserved.