

## 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/cm<sup>2</sup> 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.

### SPECIFICATIONS

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

Technical changes reserved.