LASER COMPONENTS®

IR Conversion Screen
LDT-1064CN/ CNS

Spectral range 900 – 1000 nm

The LDT-1064CN / CNS IR conversion screen has been developed for high power levels up to 200 W/cm² and is mounted on a ceramic plate.

Radiation from 900 – 1100 nm is converted to 535 nm (green). The active surface extends all the way to the edges of the conversion screen, which is very helpful for alignment tasks. This screen does not require UV light activation.

Model	LDT-1064CN / CNS
Excitation wavelength	900 – 1100 nm
Emitted radiation	≈ 535 nm (green)
Base plate material and size of the screen	Ceramic 60 x 40 mm
Active area	40 x 40 mm
Thickness CN CNS	 2.3 mm 4.2 mm
Minimum IR intensity	ca. 1 W/cm² (1064 nm, cw)
Maximum incident IR intensity	ca. 200 W/cm² (1064 nm, cw)

Technical changes reserved.

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