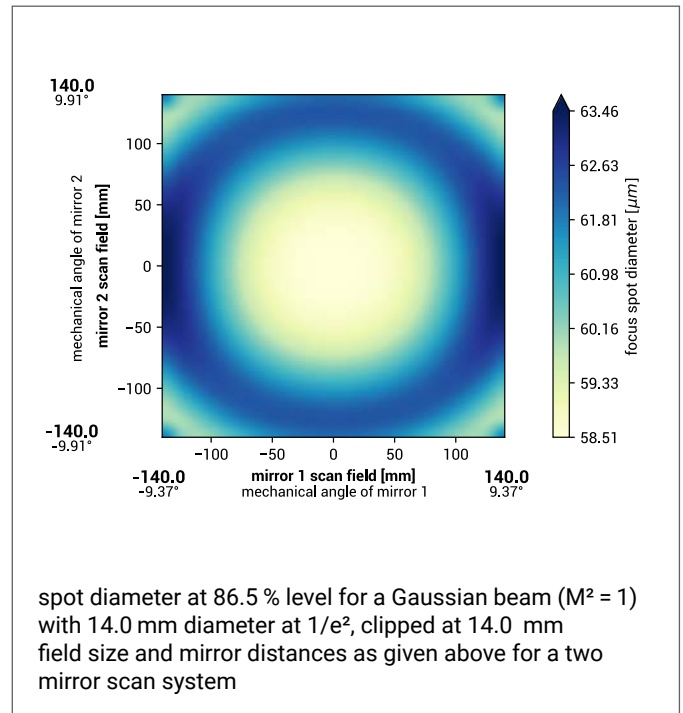


DATA SHEET

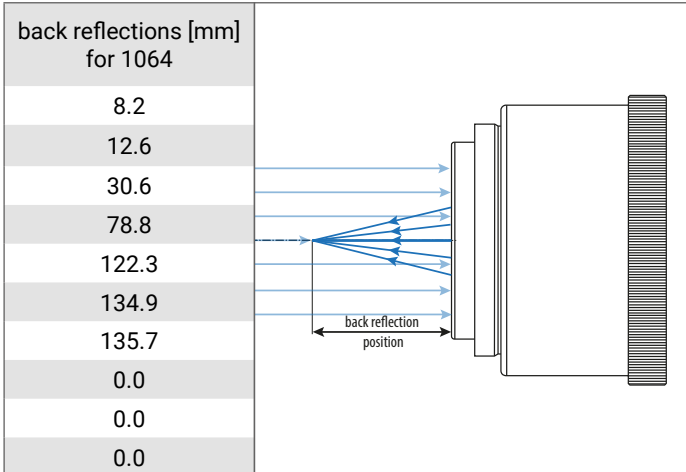
SPECIFICATIONS

article number	S4LFT1420-328
design wavelength [nm]	1064
effective focal length [mm]	420.0
working distance [mm]	499.2
max. entrance beam-Ø [mm]	14.0
aperture stop distance [mm]	28.3
scan area for a 2 mirror system with mirror distance from lens housing for mirror 2 / mirror 1 [mm x mm]	280 x 280 19.8 / 36.8
max. telecentricity error [°]	17.3
total transmission [%]	> 97
absorption [ppm]	92
lens material	fused silica
LIDT (coating)	5.0 J/cm ² per 1ns pulse at 50Hz
SP and USP usable	yes
weight [kg]	1.0
cover glass	S4LPG4160-328
cleanliness	not specified

SPOT



BACK REFLECTION POSITIONS



REMARKS

The stated values are based on a vignetting of less than 1 %.

Effective focal length and working distance have a tolerance of +/- 1.5 %.

Absorption tolerance +/- 25 %. Absorption may increase. Correct cleaning establishes original condition.

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