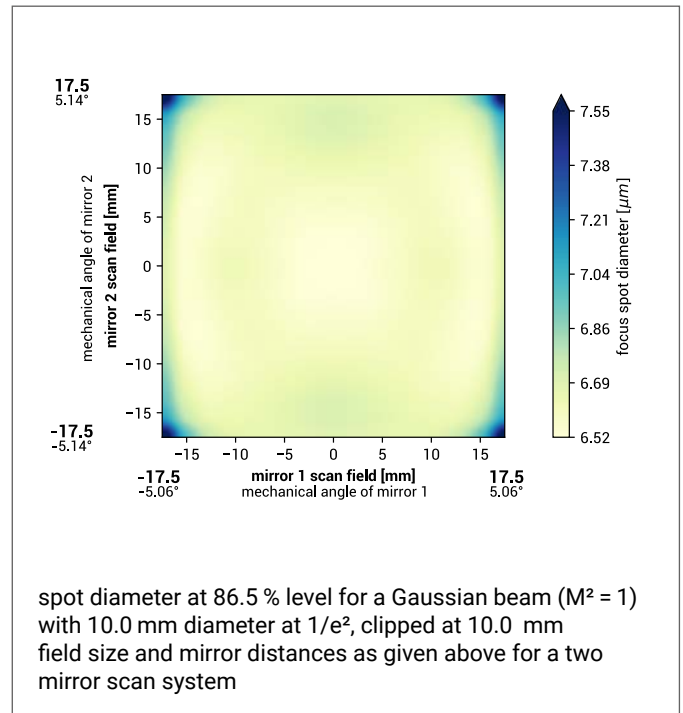


DATA SHEET

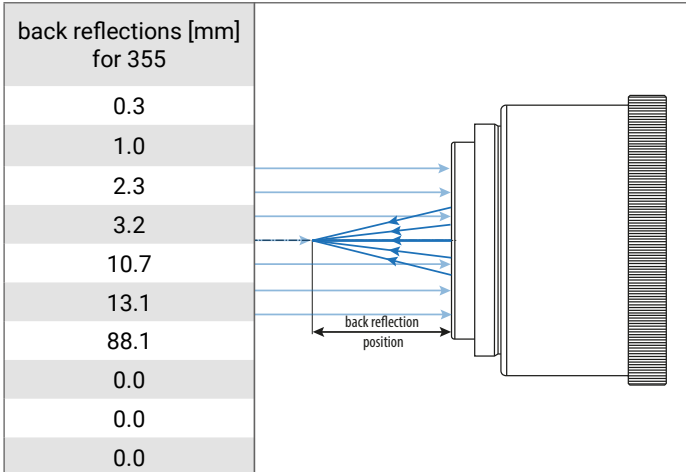
SPECIFICATIONS

article number	S4LFT4010-075
design wavelength [nm]	355
effective focal length [mm]	100.2
working distance [mm]	132.0
max. entrance beam-Ø [mm]	10.0
aperture stop distance [mm]	34.6
scan area for a 2 mirror system with mirror distance from lens housing for mirror 2 / mirror 1 [mm x mm]	35 x 35 26.6 / 42.6
max. telecentricity error [°]	1.2
total transmission [%]	> 97
absorption [ppm]	not specified
lens material	fused silica
LIDT (coating)	1.0 J/cm ² per 1ns pulse at 50Hz
SP and USP usable	yes
weight [kg]	1.2
cover glass	S4LPG2250-075
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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