

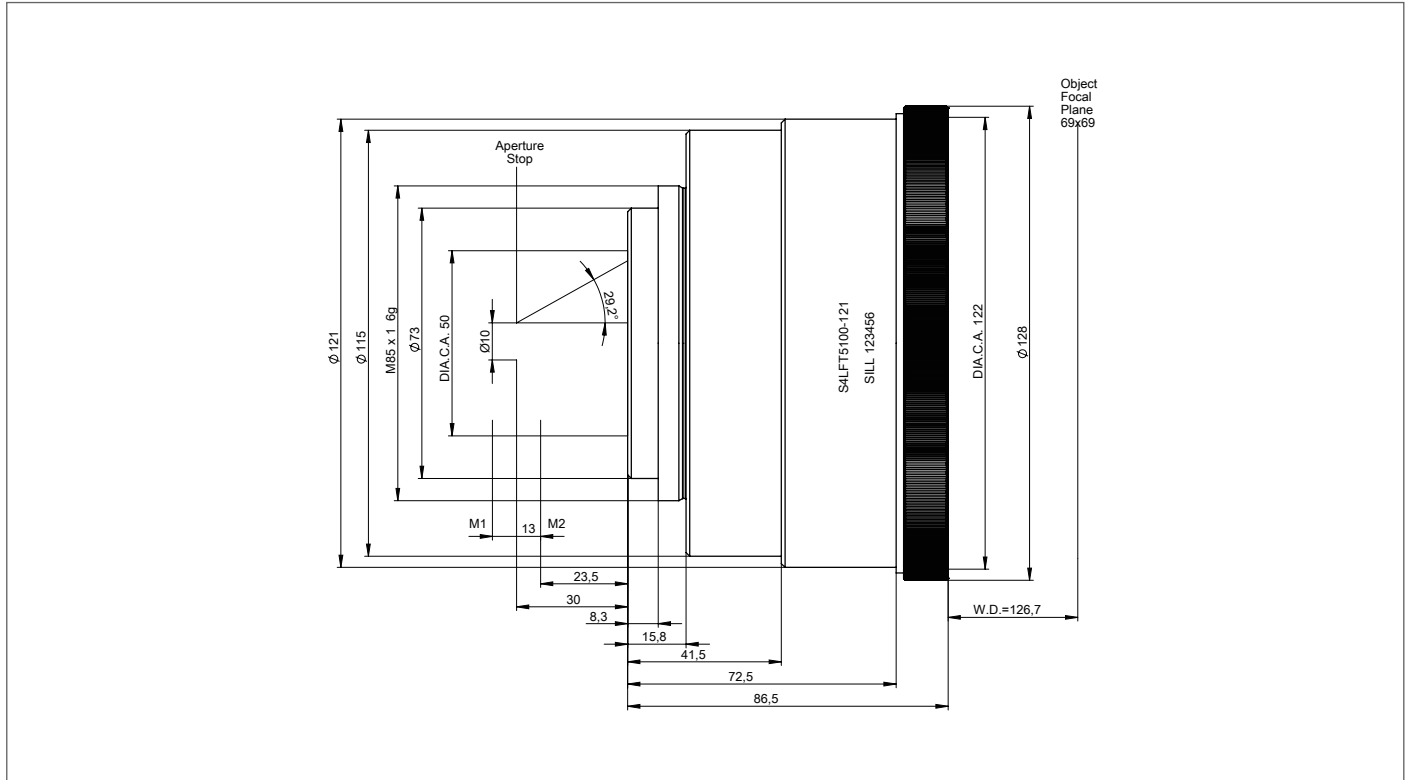
DATA SHEET

S4LFT5100-121

F-THETA
TELECENTRIC - OPTICAL GLASS
532nm



OUTLINE DRAWING



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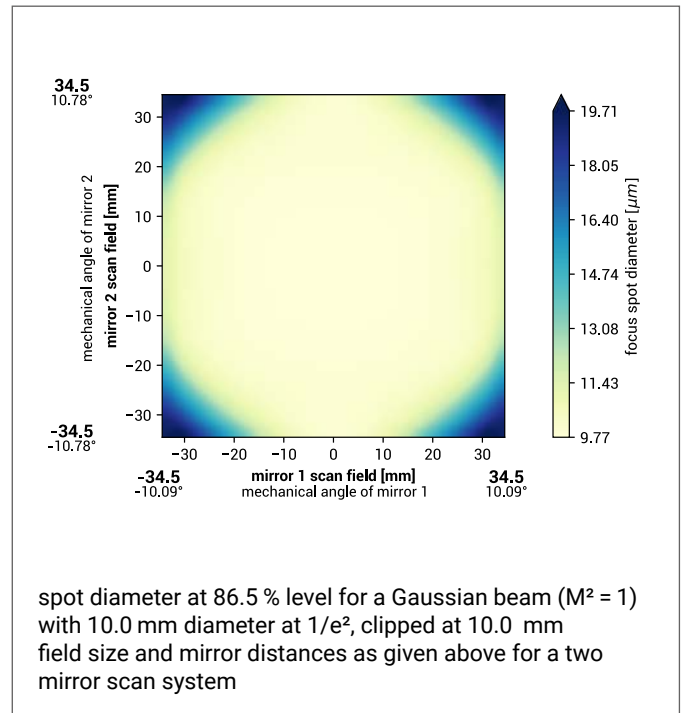
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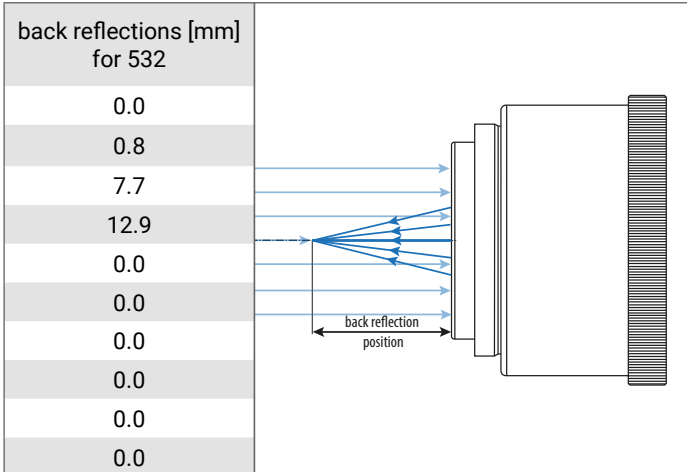
SPECIFICATIONS

article number	S4LFT5100-121
design wavelength [nm]	532
effective focal length [mm]	100.1
working distance [mm]	126.7
max. entrance beam-Ø [mm]	10.0
aperture stop distance [mm]	30.0
scan area for a 2 mirror system with mirror distance from lens housing for mirror 2 / mirror 1 [mm x mm]	69 x 69 23.5 / 36.5
max. telecentricity error [°]	2.4
total transmission [%]	> 94
absorption [ppm]	not specified
lens material	optical glass
LIDT (coating)	2.5 J/cm ² per 1ns pulse at 50Hz
SP and USP usable	no
weight [kg]	2.4
cover glass	S4LPG0300-121
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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