

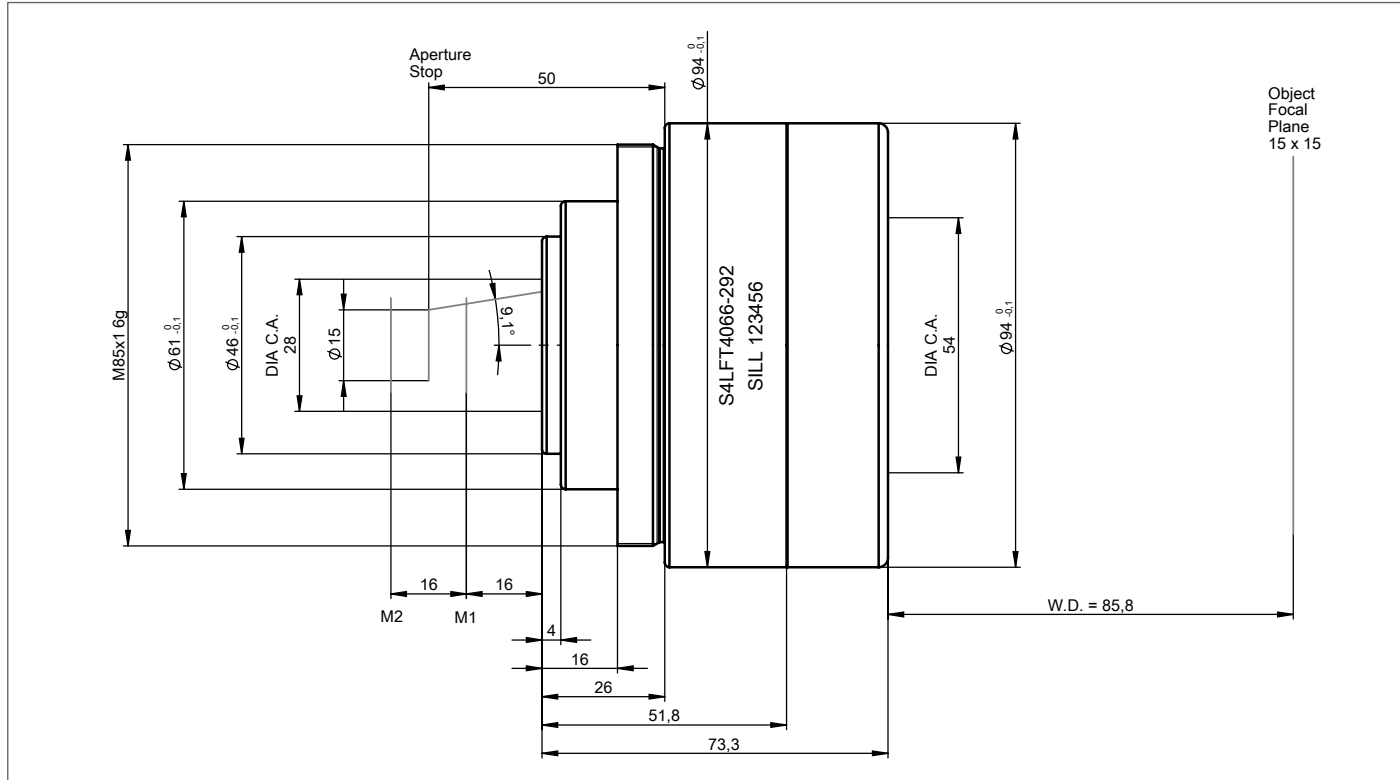
DATA SHEET

S4LFT4066-292

F-THETA
TELECENTRIC - FUSED SILICA
515 - 545 nm



OUTLINE DRAWING



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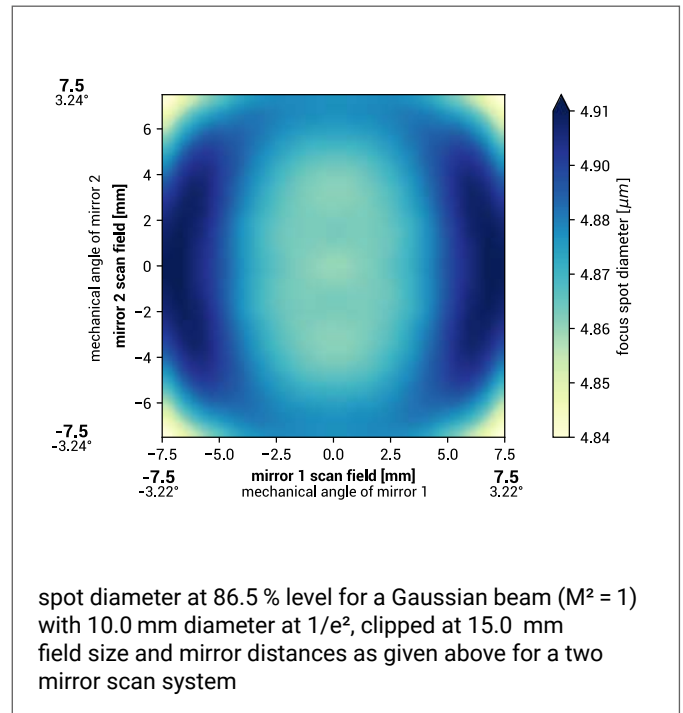
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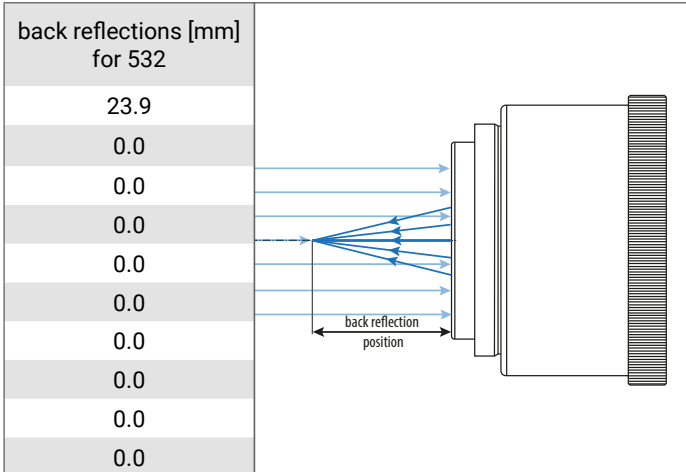
SPECIFICATIONS

article number	S4LFT4066-292
design wavelength [nm]	532
effective focal length [mm]	67.2
working distance [mm]	85.8
max. entrance beam-Ø [mm]	15.0
aperture stop distance [mm]	24.0
scan area for a 2 mirror system with mirror distance from lens housing for mirror 2 / mirror 1 [mm x mm]	15 x 15 16.0 / 32.0
max. telecentricity error [°]	1.5
total transmission [%]	> 98
absorption [ppm]	not specified
lens material	fused silica
LIDT (coating)	2.5 J/cm ² per 1ns pulse at 50Hz
SP and USP usable	yes
weight [kg]	1.0
cover glass	S4LPG0394-292
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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