

DATA SHEET

S4LFT4263-199

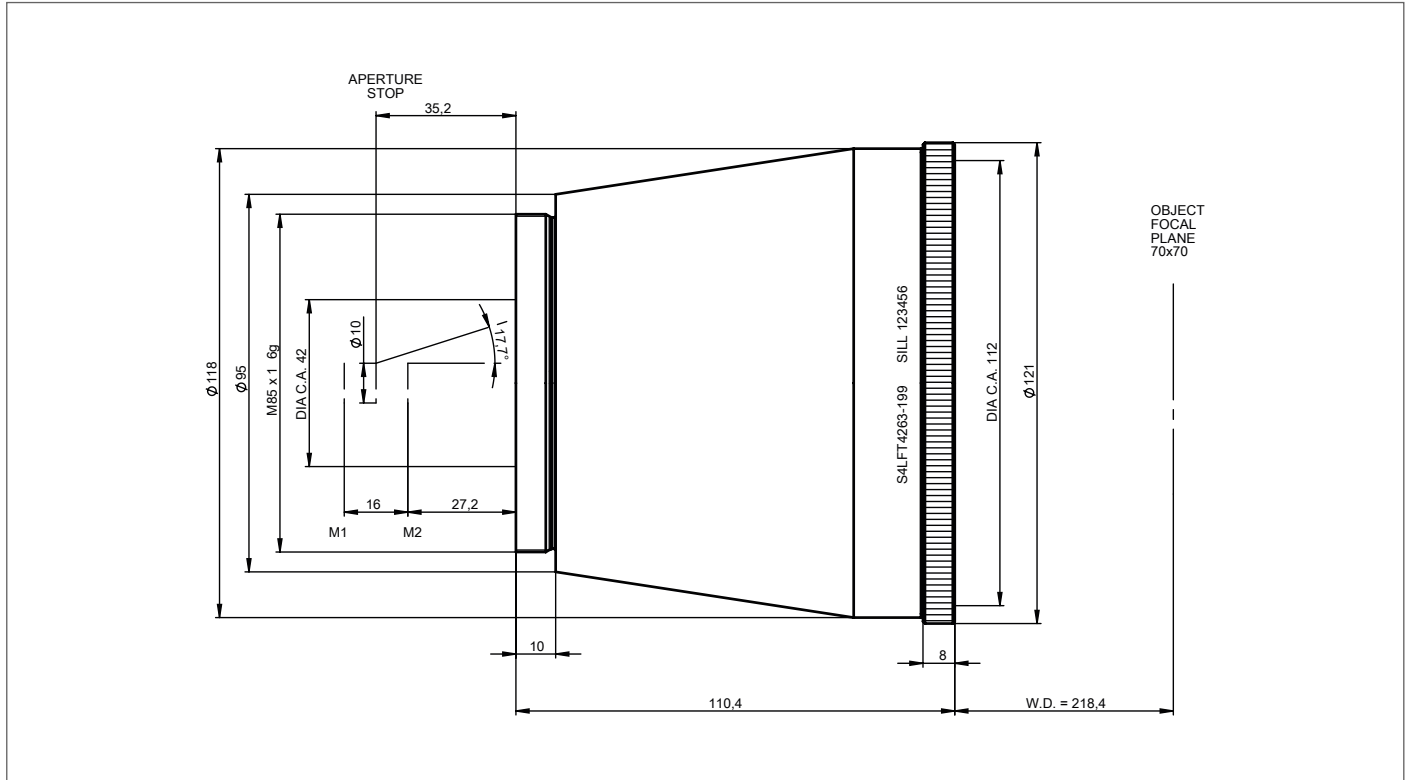
F-THETA

TELECENTRIC - FUSED SILICA

266 nm



OUTLINE DRAWING



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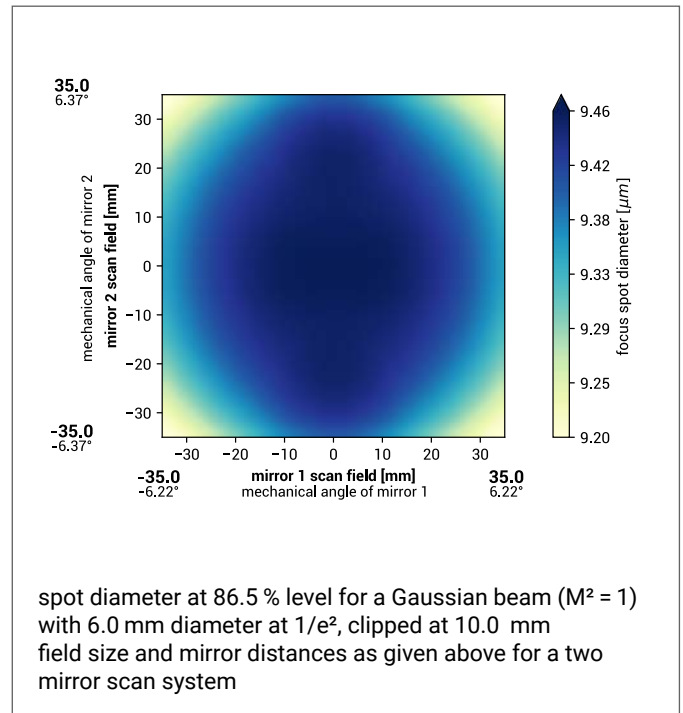
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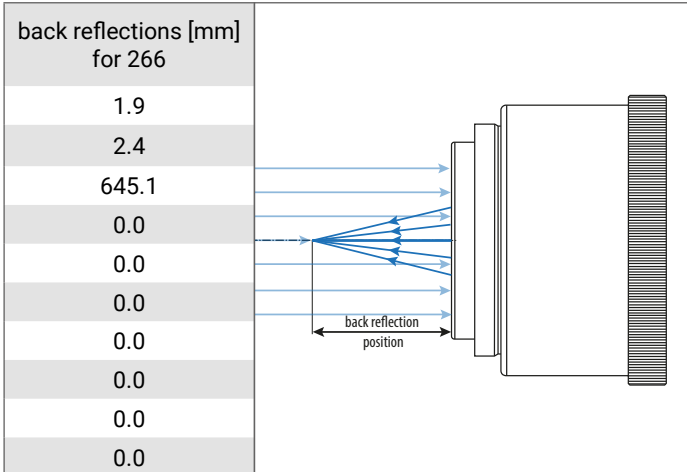
SPECIFICATIONS

article number	S4LFT4263-199
design wavelength [nm]	266
effective focal length [mm]	162.9
working distance [mm]	218.4
max. entrance beam-Ø [mm]	10.0
aperture stop distance [mm]	35.2
scan area for a 2 mirror system with mirror distance from lens housing for mirror 2 / mirror 1 [mm x mm]	70 x 70 27.2 / 43.2
max. telecentricity error [°]	2.6
total transmission [%]	> 98
absorption [ppm]	not specified
lens material	fused silica
LIDT (coating)	0.5 J/cm ² per 1ns pulse at 50Hz
SP and USP usable	yes
weight [kg]	1.7
cover glass	S4LPG4160-199
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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