

DATA SHEET

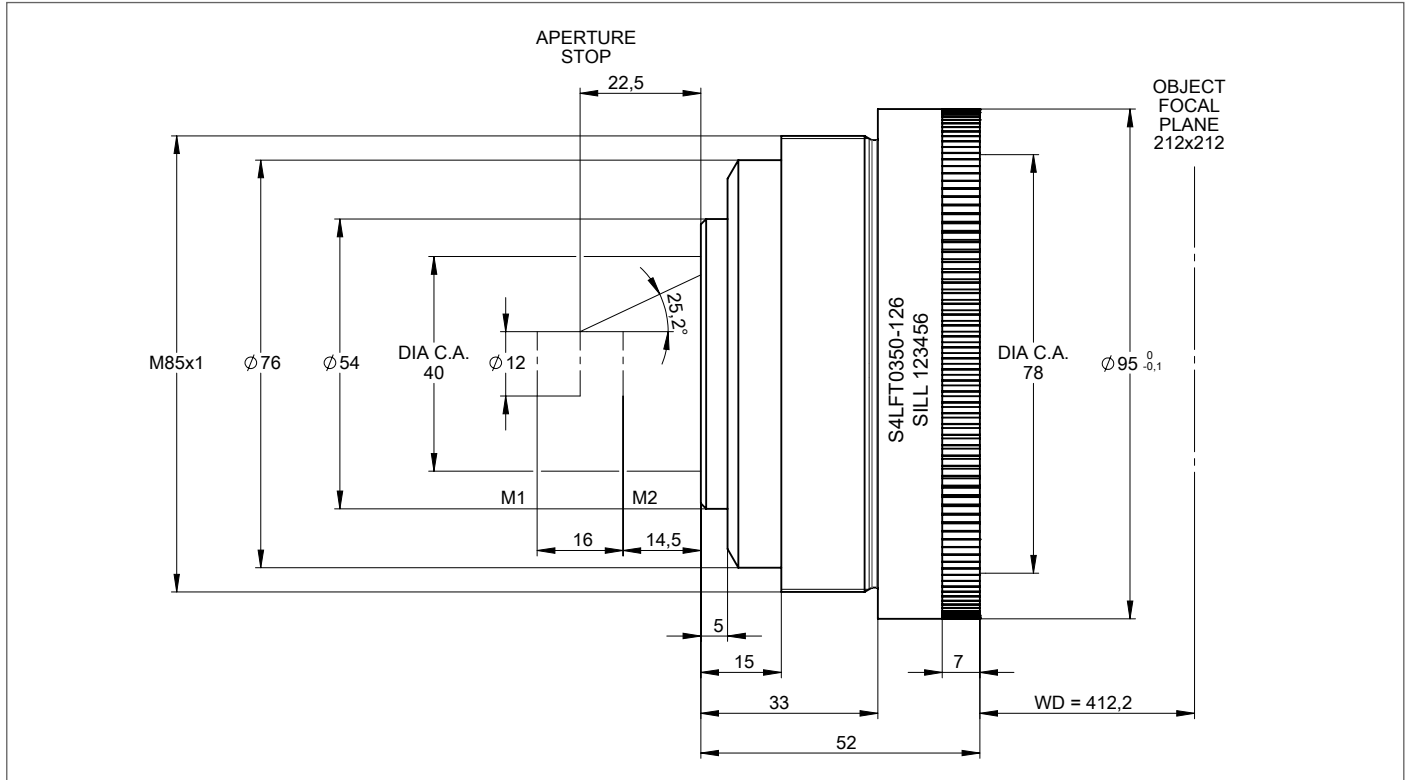
S4LFT0350-126

F-THETA
STANDARD - OPTICAL GLASS
1064nm



ILLUSTRATION ONLY

OUTLINE DRAWING



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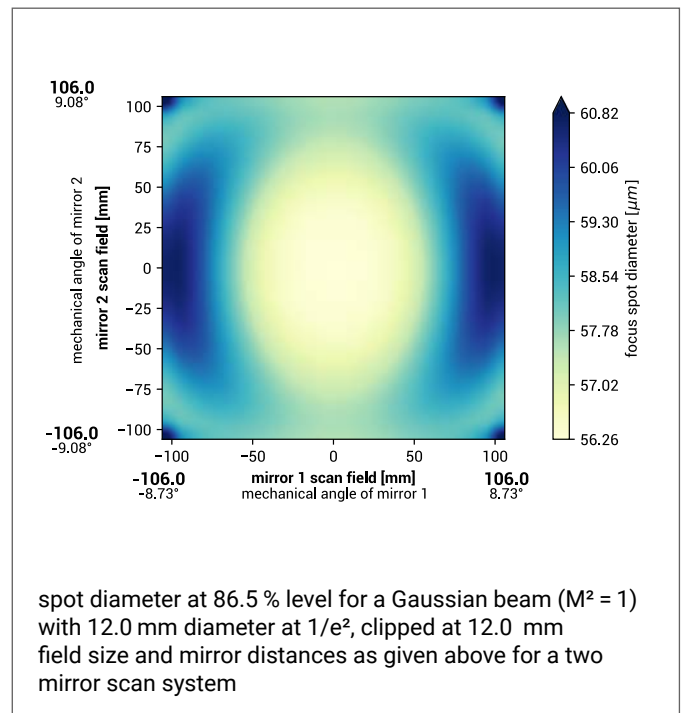
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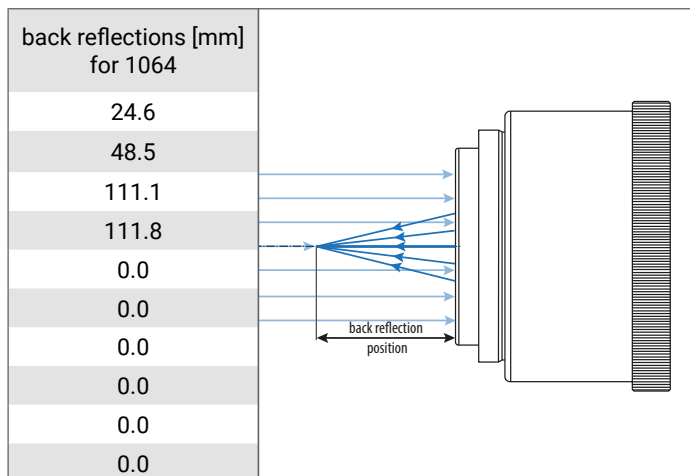
SPECIFICATIONS

article number	S4LFT0350-126
design wavelength [nm]	1064
effective focal length [mm]	346.3
working distance [mm]	412.2
max. entrance beam-Ø [mm]	12.0
aperture stop distance [mm]	22.5
scan area for a 2 mirror system with mirror distance from lens housing for mirror 2 / mirror 1 [mm x mm]	212 x 212 14.5 / 30.5
max. telecentricity error [°]	16.1
total transmission [%]	> 97
absorption [ppm]	not specified
lens material	optical glass
LIDT (coating)	5.0 J/cm ² per 1ns pulse at 50Hz
SP and USP usable	yes
weight [kg]	0.5
cover glass	S4LPG0003-126
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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