

## S4LFT4262-075

F-THETA

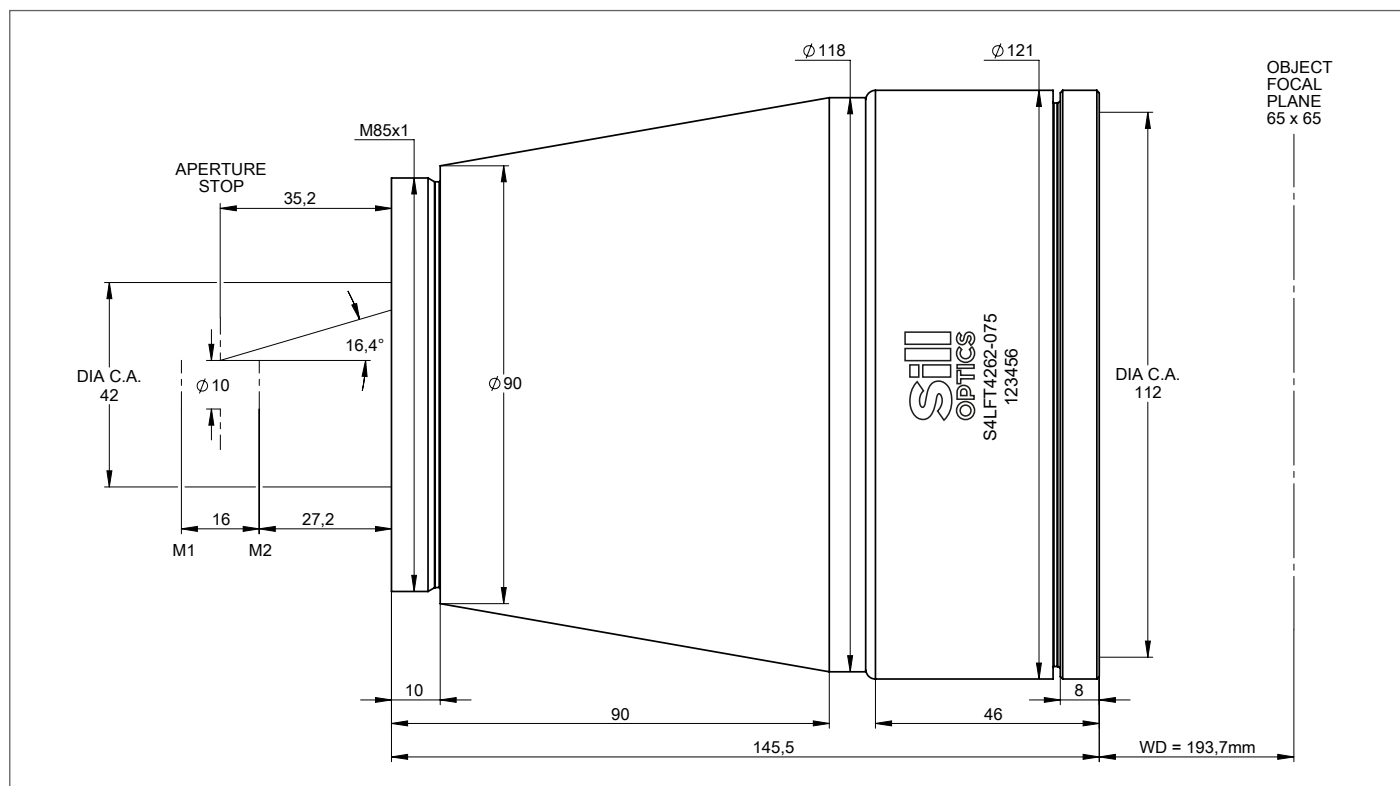
TELECENTRIC - FUSED SILICA

355nm



ILLUSTRATION ONLY

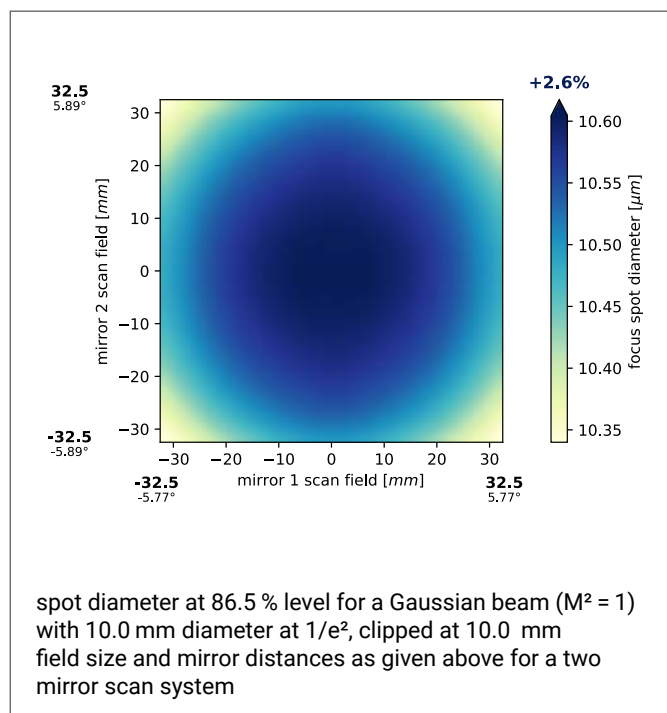
### OUTLINE DRAWING



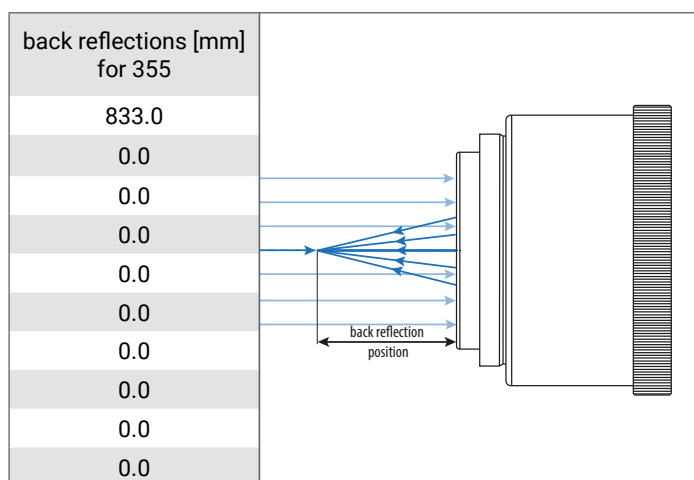
## SPECIFICATIONS

article number	S4LFT4262-075
design wavelength [nm]	355
effective focal length [mm]	163.0
working distance [mm]	193.7
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]	65 x 65 27.2 / 43.2
max. telecentricity error [°]	2.0
total transmission [%]	> 97
absorption [ppm]	not specified
lens material	fused silica
LIDT (coating)	1.0 J/cm <sup>2</sup> per 1ns pulse at 50Hz
SP and USP usable	yes
weight [kg]	1.8
cover glass	S4LPG4160-075
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.