

DATA SHEET



S4LFT565O-292

F-THETA

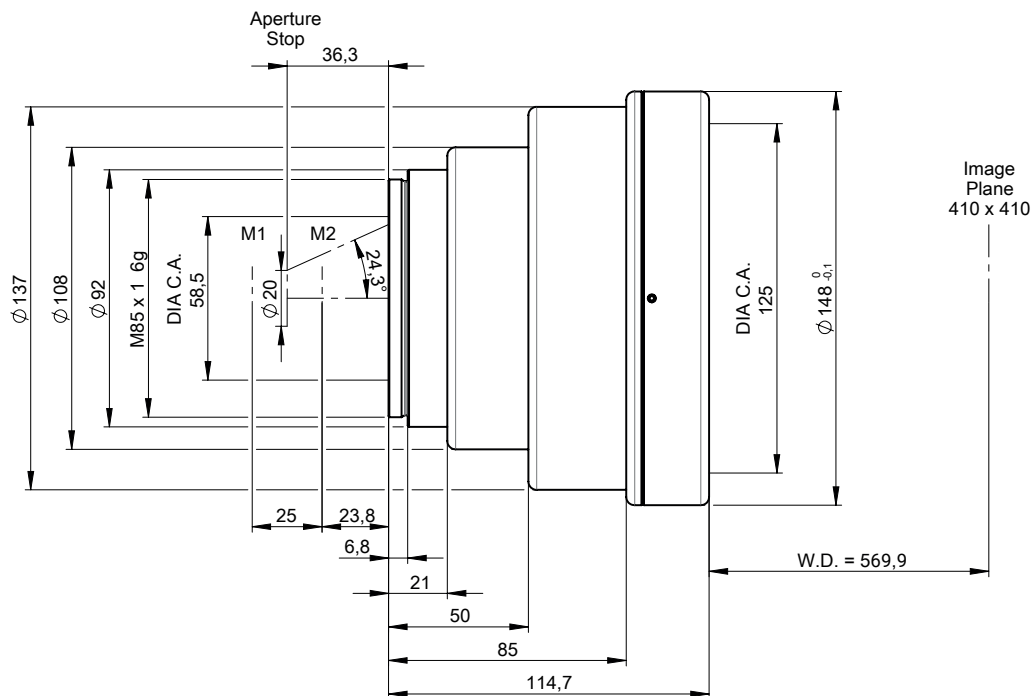
STANDARD - FUSED SILICA

515 - 545 nm



ILLUSTRATION ONLY - THE COLOR OF THE LENSES CAN DIFFER

OUTLINE DRAWING

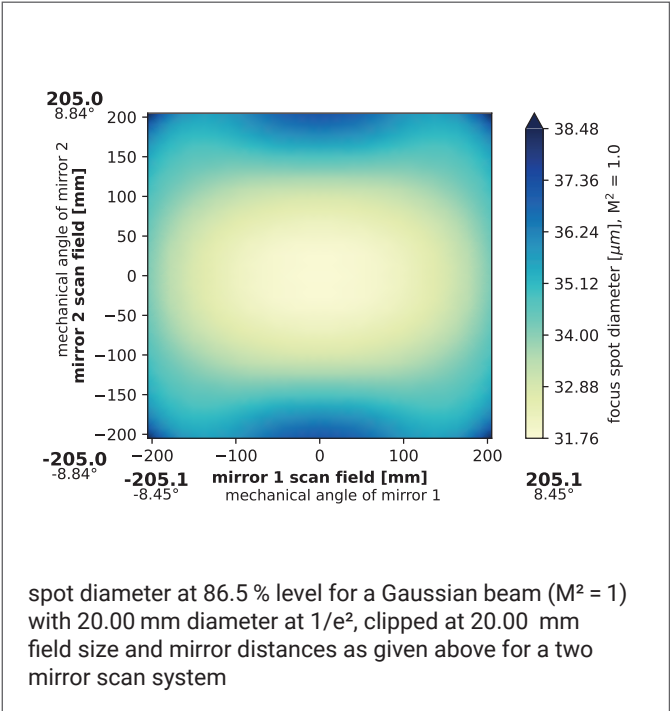


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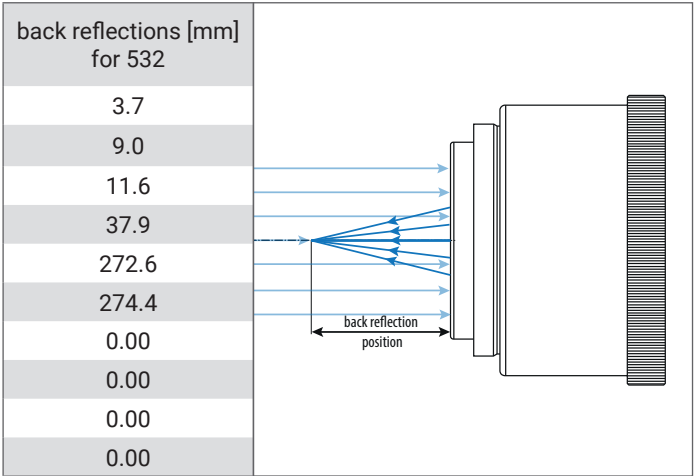
SPECIFICATIONS

article number	S4LFT5650-292
design wavelength [nm]	532
effective focal length [mm]	650.0
working distance [mm]	569.9
max. entrance beam-Ø [mm]	20.0
aperture stop distance [mm]	36.3
scan area for a 2 mirror system with mirror distance from lens housing for mirror 2 / mirror 1 [mm x mm]	410 x 410 23.8 / 48.8
max. telecentricity error [°]	22.70
total transmission [%]	> 98
absorption [ppm]	not specified
lens material	fused silica
LIDT (coating)	2.5 J/cm² per 1ns pulse at 50Hz
SP and USP usable	yes
weight [kg]	2.21
cover glass	S4LPG2175-292
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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