

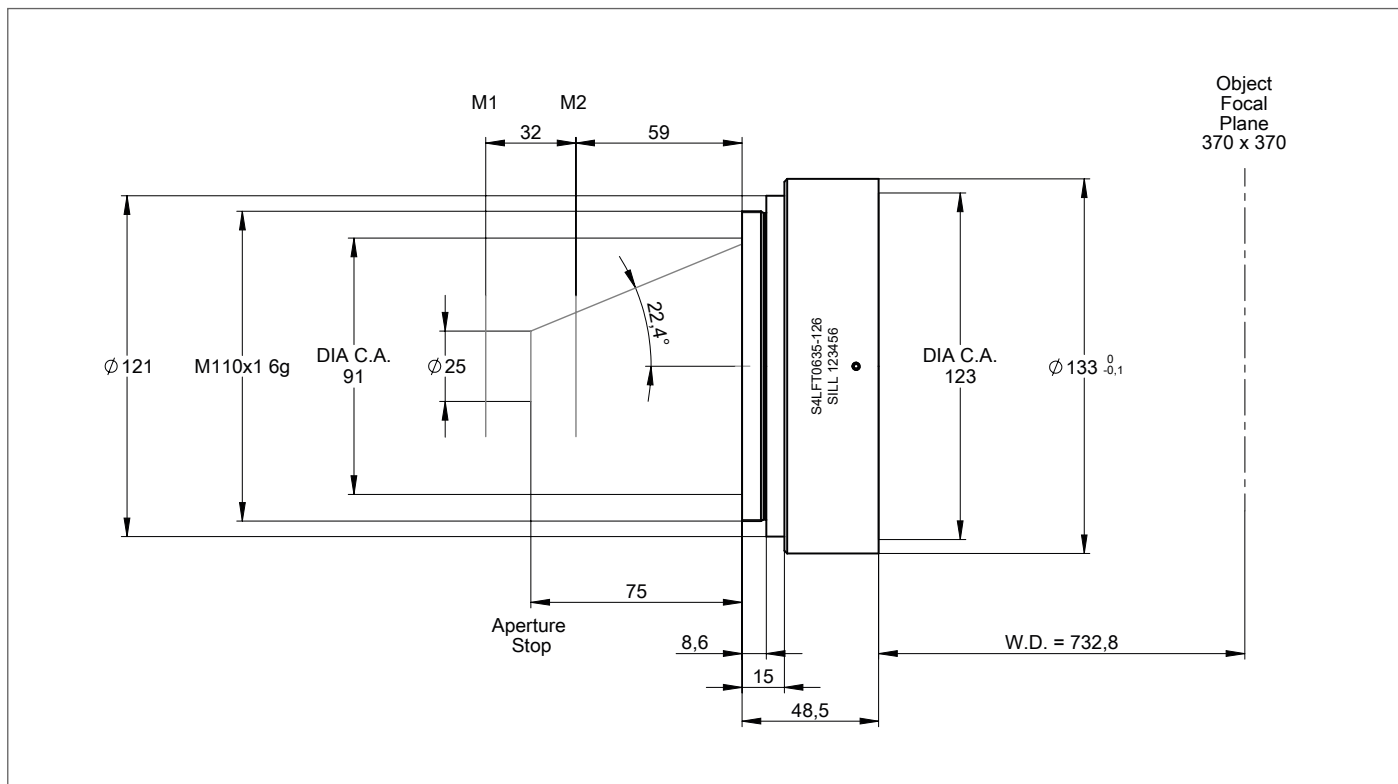
DATA SHEET

S4LFT0635-126

F-THETA
STANDARD - OPTICAL GLASS
1064 nm



OUTLINE DRAWING



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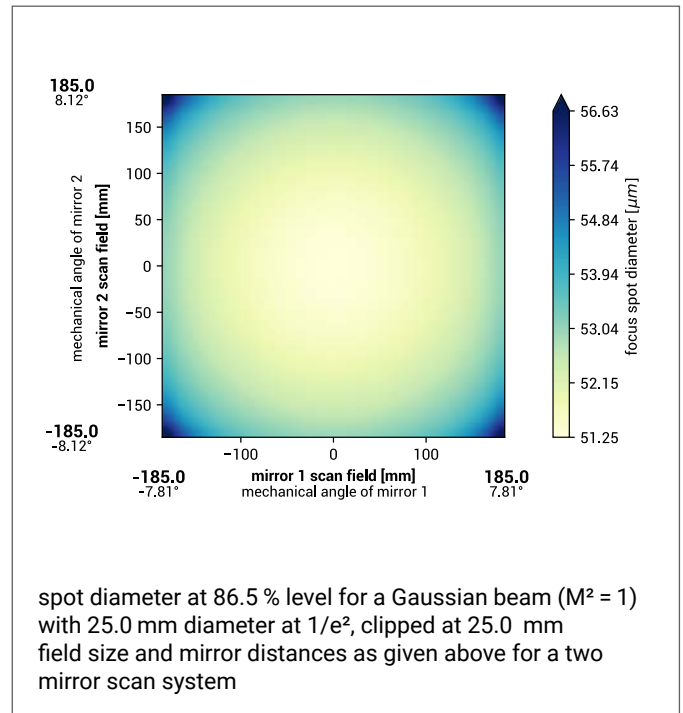
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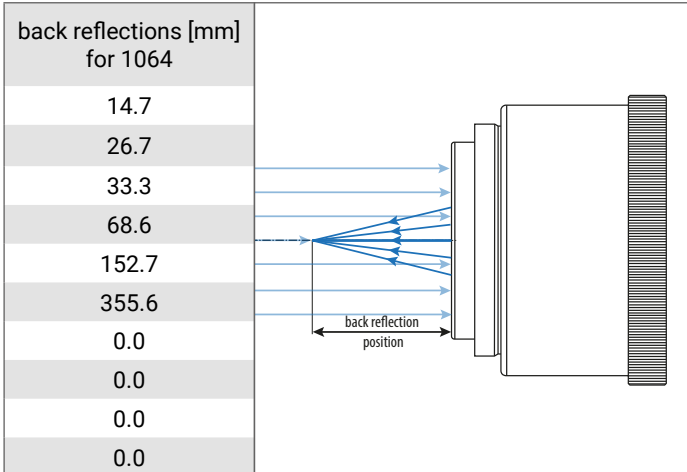
SPECIFICATIONS

| | |
|--|---|
| article number | S4LFT0635-126 |
| design wavelength [nm] | 1064 |
| effective focal length [mm] | 657.3 |
| working distance [mm] | 732.8 |
| max. entrance beam-Ø [mm] | 25.0 |
| aperture stop distance [mm] | 75.0 |
| scan area for a 2 mirror system with mirror distance from lens housing for mirror 2 / mirror 1 [mm x mm] | 370 x 370 59.0 / 91.0 |
| max. telecentricity error [°] | 16.3 |
| total transmission [%] | > 98 |
| absorption [ppm] | not specified |
| lens material | optical glass |
| LIDT (coating) | 5.0 J/cm ² per 1ns pulse at 50Hz |
| SP and USP usable | no |
| weight [kg] | 1.4 |
| cover glass | --- |
| 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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