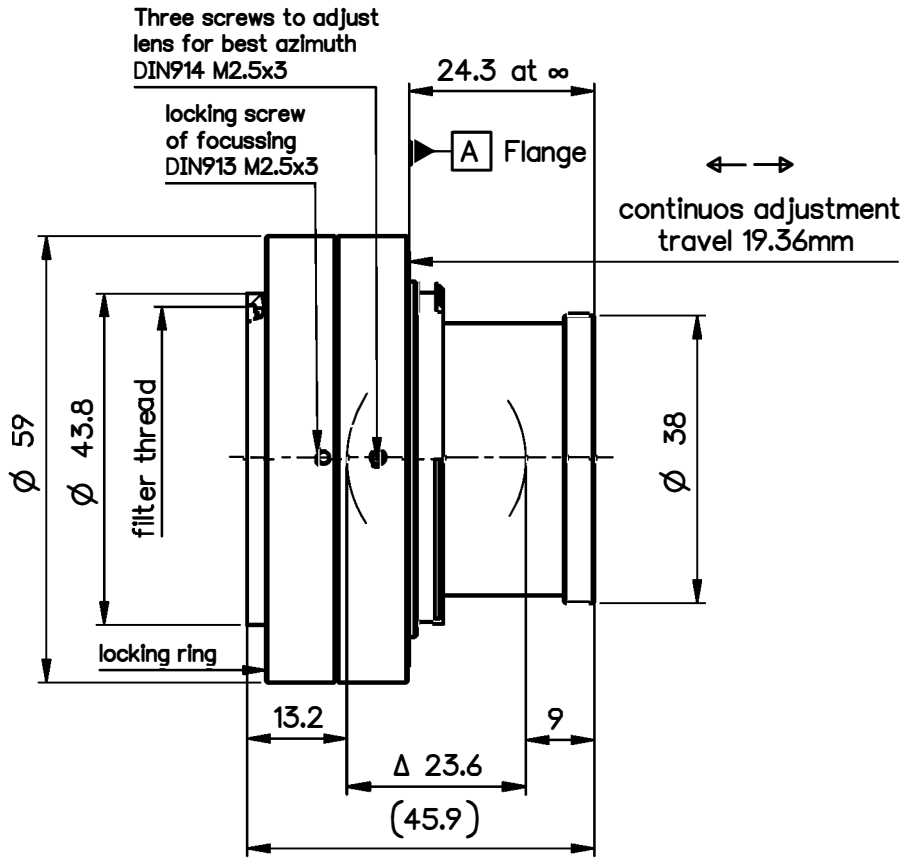
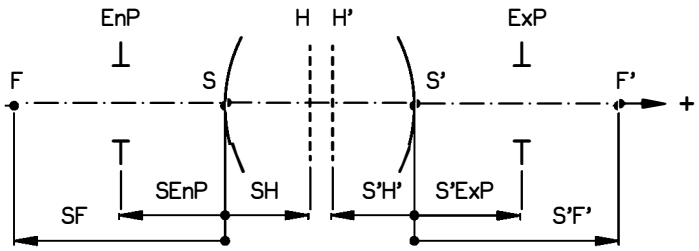
| order number | lens name | f-stop |
|---|---|---|
| 0703-090-000-25 | Rodagon-F 4/40 | 4 |
| 0703-090-000-26 | Rodagon-F 5.6/40 | 5.6 |
| 0703-090-000-27 | Rodagon-F 8/40 | 8 |




| Specification | | ON | 7411-9001 |
|---|---|---|---|
| image circle max. (mm) | 44 | working distance (mm) | 94 – ∞ |
| focal length f' (mm) *) | 40.4 | interface | F-mount |
| magnification β' [range] | −0.1 [−0.5 ... 0] | filter thread | M40.5 x0.5 |
| spectral range λ (nm) | 400 – 750 | weight (g) | 150 |
| | | design includes CCD cover glass: | no |

schematic diagram *) in air




| | SF (mm) | S'F' (mm) *) | HH' (mm) *) | SH (mm) | S'H' (mm) *) | SEnP (mm) | S'ExP (mm) *) |
|---|---|---|---|---|---|---|---|
| | -26.5 | 31.2 | 0.5 | 13.9 | -9.2 | 11.1 | -12.2 |

| f-stop | Ø EnP | Ø ExP |
|---|---|---|
| 4 | 10.0 | 10.8 |
| 5.6 | 7.2 | 7.7 |
| 8 | 5.0 | 5.4 |
| | | |
| | | |
| | | |

| NX | EU-D | AL-T1A | US-D | US-ML | not export controlled |
|---|---|---|---|---|---|
| | | | | PDM Status Freigabe | – |

PROTECTIVE NOTE "DIN ISO 16016" TO BE OBSERVED

| REV | ECC | DATE | APPROVED |
|---|---|---|---|
| a | Neuausg | | |
| b | 14-0184 | 14.08.14 | |

GENERAL TOLERANCE OF DIMENSION, FORM, POS. | SURF. TREATMT

BASIC TOLERANCING PRINCIPLE

| | DATE | NAME |
|---|---|---|
| FIRST ISSUE | 05.08.08 | |
| CHKD | 05.08.08 | |

SCALE 1:1

MATERIAL

TITLE
Rodagon F 40

DIN A 4

ALL DIMENSIONS ARE IN MM AND INCLUDE SURFACE TREATMENT

excelitas®

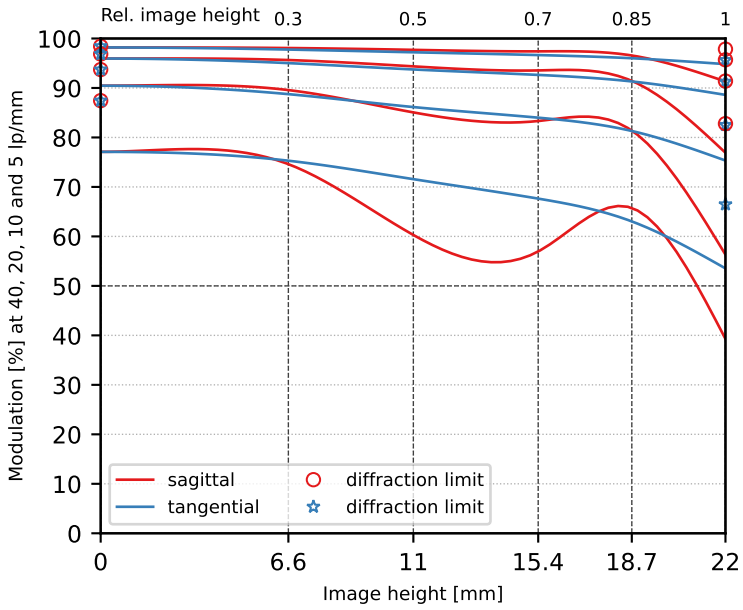
DRAWING NO.
0703-090-100-00-0001b

SHEET 1 OF 1

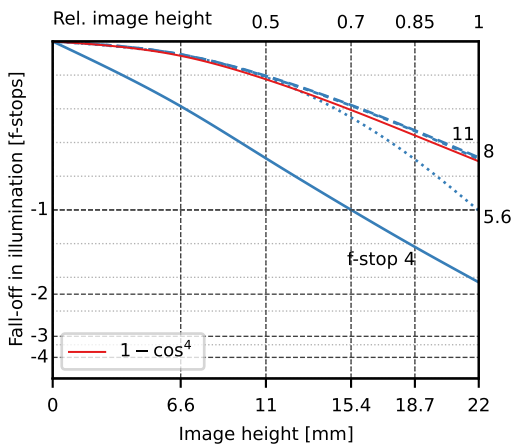
REPLACES

# Rodagon F 4/40

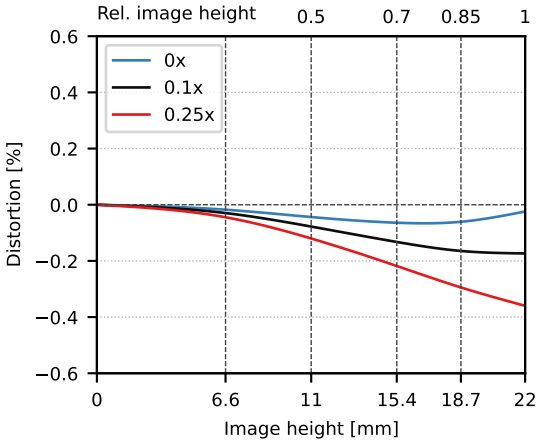
**Modulation transfer function** **Mag. 0.1x** **f-stop 4**



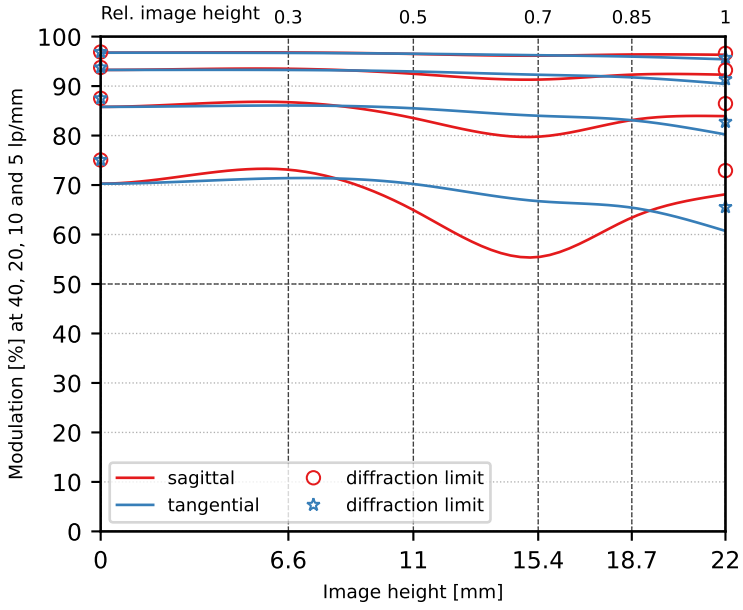

**Fall-off in illumination** **Mag. 0.1x**



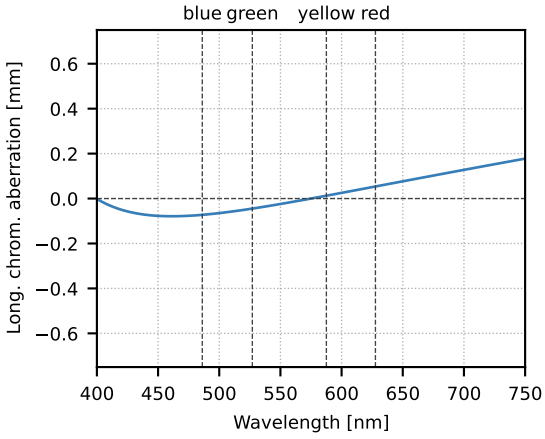

**Distortion** **Mag. 0x ... 0.25x**




**Modulation transfer function** **Mag. 0.1x** **f-stop 8**




**Long. chrom. aberration** **Mag. 0.1x**




**All spatial frequencies [lp/mm], image heights [mm] and magnifications are related to sensor side.**