



Distagon T* 2,8/21 ZF



Features

- A floating elements design ensures performance virtually unchanged from close distance to infinity
- The lens design produces nearly distortion-free images
- Precise manual focusing
- Robust full-metal construction
- Identical color reproduction of all models assures the quality of products measured by hue difference
- Mounts and optical coatings can be modified on request

ZF-I: Industrial Edition

Features special screws to fix focus and aperture settings also in rough situations.

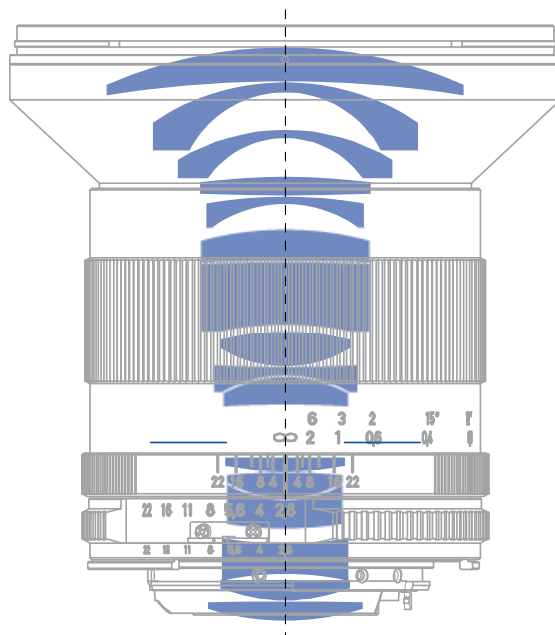
Camera Mounts

Available for other camera mounts such as EF and K bayonet mount.



Distagon T* 2,8/21 ZF

Technical Specifications



| | |
|--|------------------------------|
| Focal length | 21 mm |
| Aperture range | f/2.8 – f/22 |
| Number of elements / groups | 16/13 |
| Working distance (object to sensor) | 0.22 m (0.72 ft) - ∞ |
| Angular field* (diag. / horiz. / vert.) | 90°/81°/59° |
| Coverage at close range | 12.4 cm x 19 cm (4.9 x 7.5") |
| Image ratio at close range | 1:5 |
| Filter-thread | M 82 * 0.75 |
| Length (with caps)** | 109 mm (4.3") |
| Diameter | 87 mm (3.42") |
| Weight | 620 g (21 oz) |
| Camera mount*** | ZF (F bayonet) |

* referring to 35 mm format

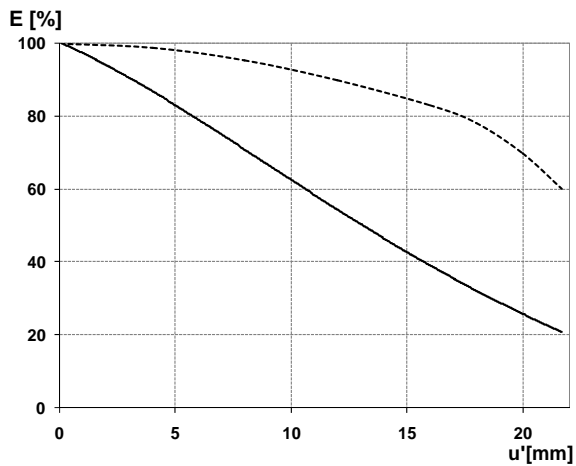
** from bayonet mount to filter thread when lens focused to infinity

*** other mounts available on request



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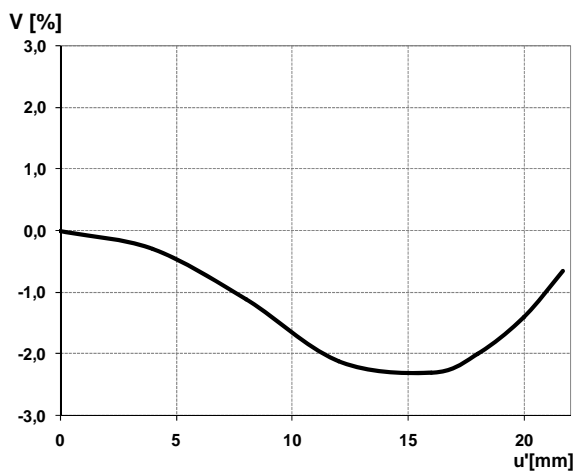
Relative Illuminance



The relative illumination shows in percent the decrease in image brightness from the image center to edge.

— f-number 2
... f-number 4

Relative Distortion

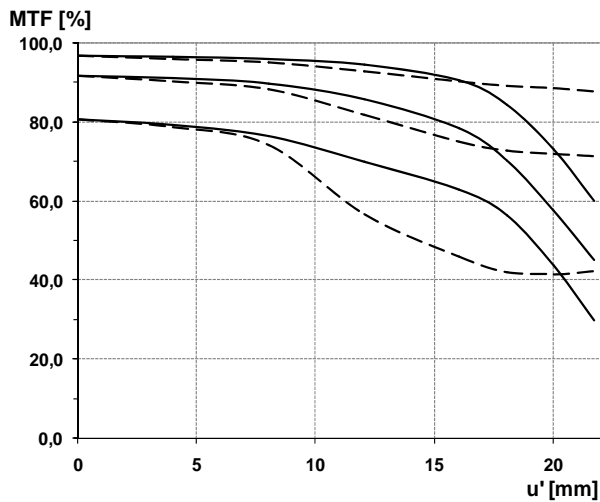


The relative distortion shows in percent the deviation of the actual from the ideal image height.



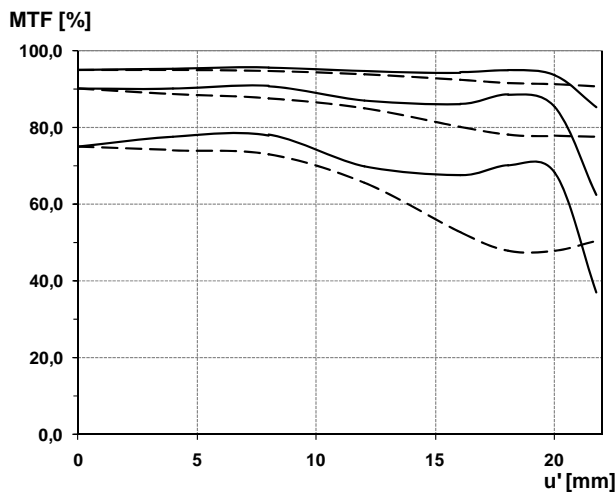
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MTF Charts



The Modulation Transfer (MTF) as a function of image height (u) and slit orientation (sagittal, tangential) has been measured with white light at spatial frequencies of $R = 10, 20$ and 40 cycles/mm.

f-number 2.8
— Saggital
... Tangential



f-number 5.6
— Saggital
... Tangential