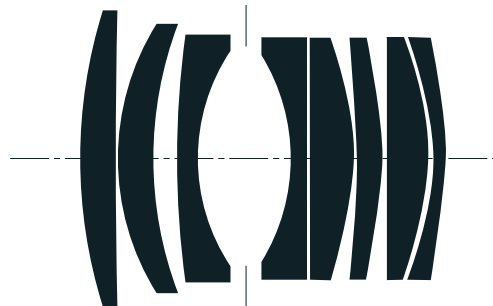
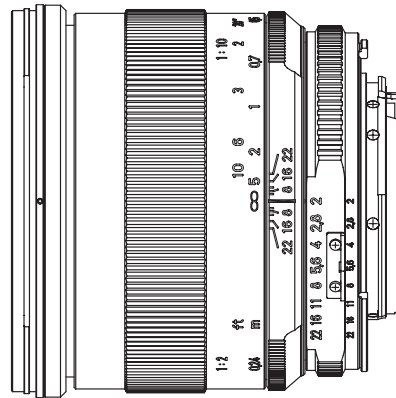


Makro-Planar T* 2/50 ZF

The Speed Macro

- Fastest 50 mm macro lens for the 24 x 36 full frame
- Very high image quality over the entire focusing range from infinity to the close-focus limit at half life-size
- Optical system with "floating element" and longlife full metal precision mechanics



Technical Specifications

Focal length: 51.6 mm

Aperture range: f/2.0 – f/22 (halbe Stufen)

Number of elements/groups: 8/6

Focusing range: 0.24 m – unendlich

Angular field, diag./horiz.: 45.5°/38.5°

Coverage at close range: 48 x 72 mm

Image ratio at close range: 1:6.3

Filter thread: M67 x 0.75

Dimensions: ø 72 mm, length 65 mm

Weight: 530 g

Subject to change.

Carl Zeiss AG

Camera Lens Division
73446 Oberkochen
Germany

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Fax: +49 73 64 20-40 45
E-Mail: photo@zeiss.de
www.zeiss.com/photo



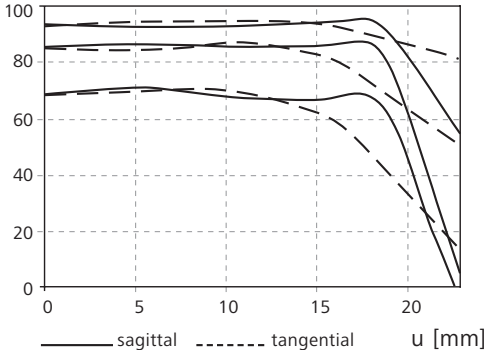
We make it visible.

Makro-Planar T* 2/50 ZF

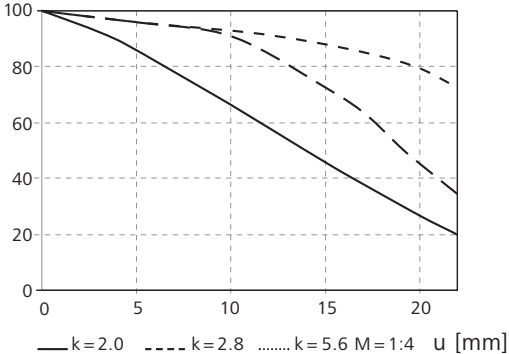
Performance data

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.

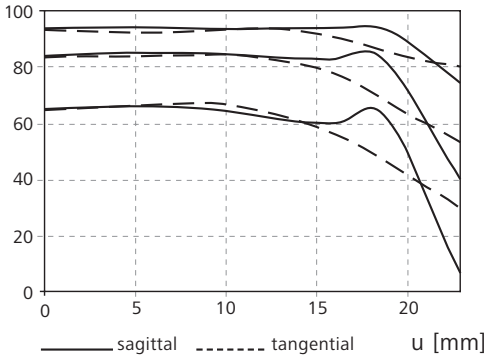
MTF [%], f-number: k = 4.0 Image ratio 1:10



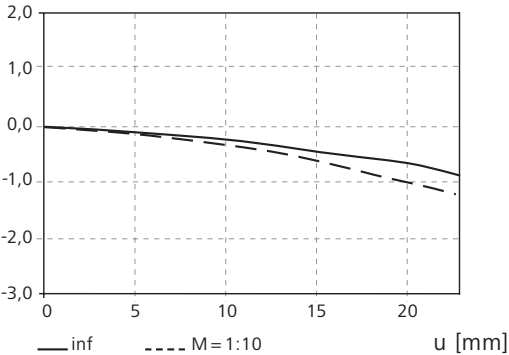
E [%], Relative illuminance



MTF [%], f-number: k = 4.0 Image ratio 1:5



V Distortion in % of image height



Subject to change.

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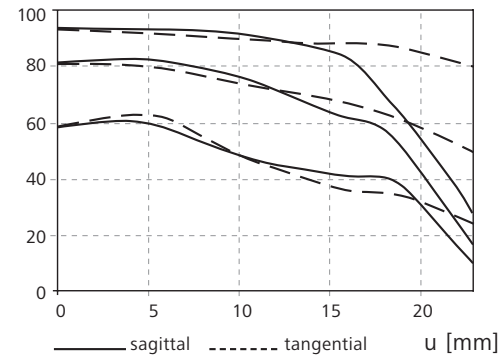
We make it visible.

Makro-Planar T* 2/50 ZF

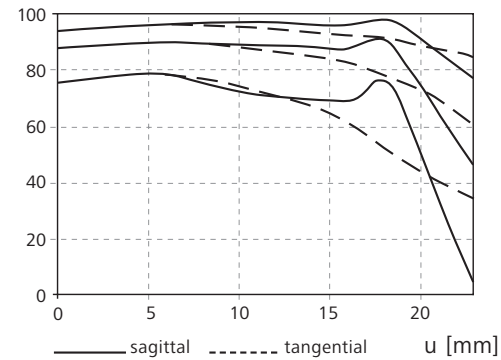
Performance data

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.

MTF [%], f-number: k = 2.0



MTF [%], f-number: k = 5.6



Subject to change.

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