

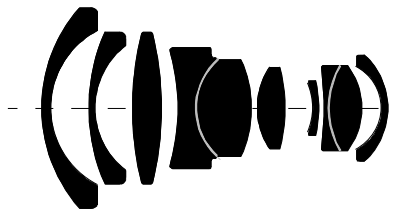
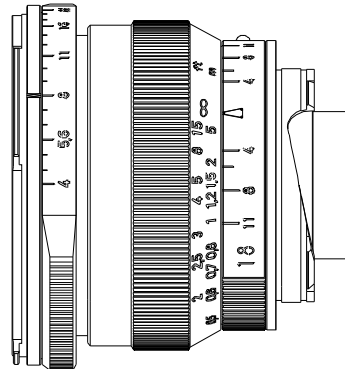
Distagon T* 4/18 ZM

The space captor

Panoramas, landscapes, architecture, photos with dominating foreground and wide background, photography in confined spaces is the profession of this lens. It offers excellent optical performance in a 100 degree diagonal field angle and it's distortion is almost invisible. Despite it's comfortable F4 maximum aperture the photographer will enjoy the compactness and light weight of the lens. A full metal barrel, 1/3 f-stop's, a sophisticated operating concept mark it distinctively as a member of the Carl Zeiss ZM lens family.

This lens still provides an astonishing wide angle effect even when used with digital rangefinder cameras.

Because of its wide field angle and the need of an external viewfinder this lens is ideally combined with the Zeiss Ikon SW camera body.



Technical Specification

Focal length: 18 mm

Aperture range: f/4 – f/22

No. of elements / groups: 10 / 8

Focusing range: 0,5 m – infinity

Image ratio at close range: 1 : 23

Coverage at close range: 56 cm x 84 cm

Angular field, diag./horiz./vert.: 98° / 87° / 65°

Position of entrance pupil: 17 mm behind front lens

Filter: M58 x 0,75

Weight: 320 g

Dimensions: ø 65 mm, length incl. caps: 73 mm

Length bayonet to front : 47mm

April 2007. Subject to change

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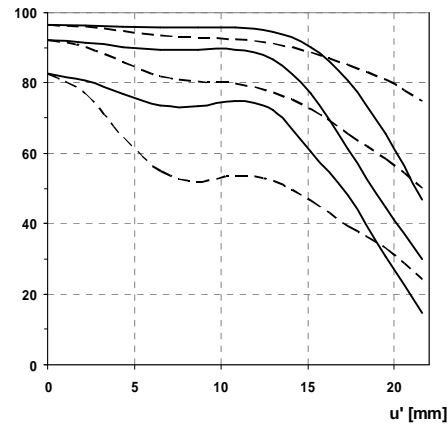
We make it visible.

Distagon T* 4/18 ZM

Performance data

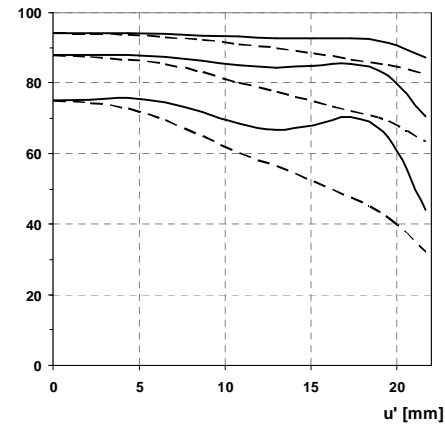
Modulation transfer T as a function of the image height and slit orientation:
White light. Spatial frequencies R=10, 20 und 40 cycles/mm.

f-number: k = 4
MTF [%]



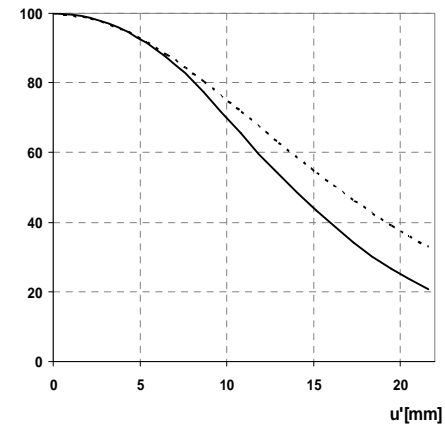
— Sagittal
- - - Tangential

f-number: k = 8
MTF [%]



— Sagittal
- - - Tangential

Relative illuminance
E [%]



— k=4
- - - k=8

Distortion
V [%]t

