

Distagon T* 1,4 / 35 ZF.2

The high-speed universal lens

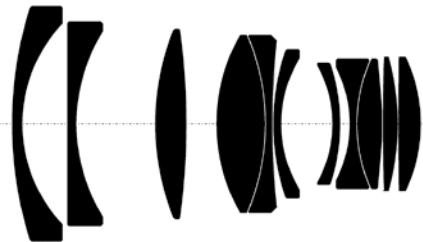
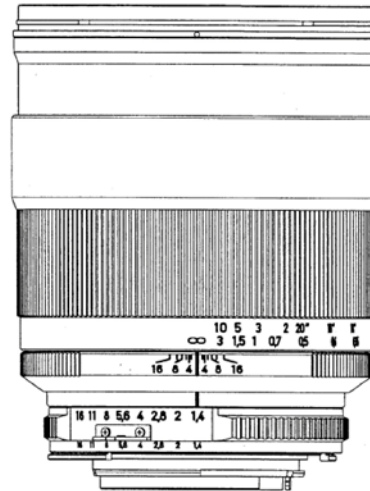
35 mm full-format lenses have a wide range of uses and the Distagon T* 1,4/35 further enhances this range of applications. This lens is characterized by its fast aperture and high image quality throughout the entire focus range, from close-up to infinity.

The illumination falloff of only one f-stop at f/2 is another key feature of this lens type. Subsequent compensation of the illumination falloff through image processing software is often not required.

This performance is achieved through a state-of-the-art optical design comprised of 11 lens elements, including one aspheric and two movable optics groups.

The ZEISS T* coating on all lens element surfaces suppresses reflections and results in optimum color saturation and contrast. This feature is standard on all Carl Zeiss lenses.

Together with the Planar 1,4/50 and 1,4/85, the Distagon T* 1,4/35 establishes a universal set of high-speed lenses for both still and video capture. These lenses feature an outstanding feel, smooth focusing and precision mechanical parts.



Technical Specification

Focal length: 35 mm

Aperture range: f/1.4 – f/16

Number of elements/ groups: 11/9

Focusing range: 0.30 m – infinity

Image ratio at close range: 1 : 5

Coverage at close range: 18 cm x 12 cm

Angular field, diag./horiz./vert.: 63°/ 54°/ 37°

Position of the entrance pupil: 37 mm behind the front lens

Filter: M72 x 0.75

Weight: 900 g

Dimensions: dia. 78 mm, length incl. caps: 120 mm

Length from bayonet to front: 96mm

December 2010. Subject to change.

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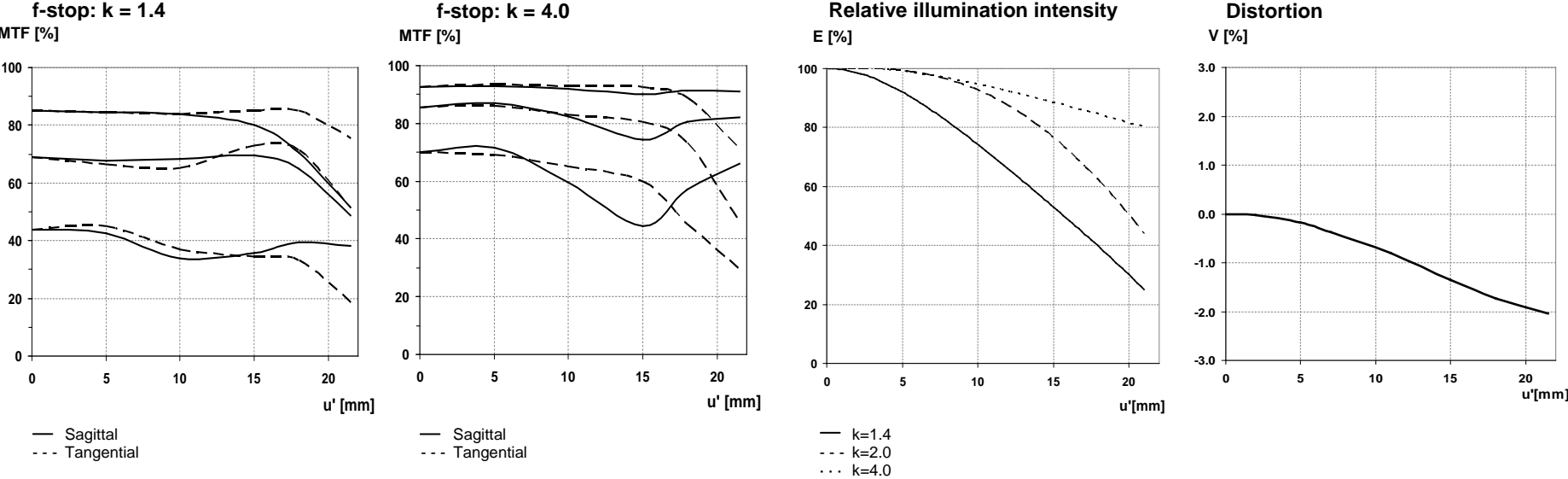


We make it visible.

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Key Parameters

Modulation transfer MTF as a function of the image height (u) and slit orientation. White light. Spatial frequencies R=10, 20 and 40 cycles/mm.



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