Biogon T* 2/35

Features

- Fast f/2.0 aperture
- Precise manual focusing
- Robust full-metal construction
- Identical color reproduction of all models
- For industrial cameras with M42-Mount up to sensor sizes of 24x36 mm
- Compact
- Low Weight

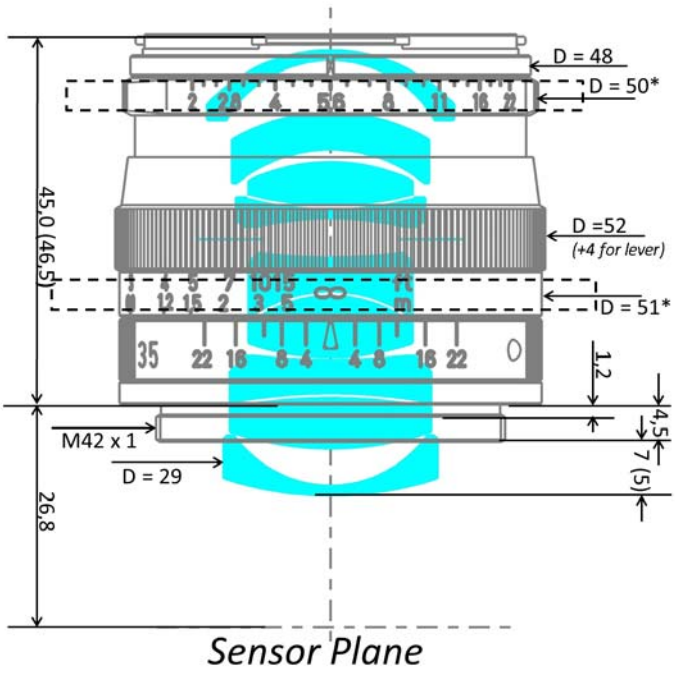
Z-M42-I: Industrial Edition
Features special screws to fix focus and aperture settings even in rough situations.

Camera Mounts
M42 screw mount.
Flange Focal Distance 26,8mm
Adapter Needed!

1) All Data for infinite focus setting

Biogon T* 2/35

Technical Specifications



All values are valid for infinity. Values in brackets are valid for MOD.
**Excluding fixing screws. Length of fixing screws: 8 mm*

Focal length	35 mm
Aperture range	f/2 – f/22 (1/ 3 stop intervals)
Number of elements / groups	9 / 6
Min. working distance (object to sensor)	700 mm (2.3 ft.) – ∞
Min. free working distance	628 mm (2,06 ft.) – ∞
Angular field[2] (diag. / horiz. / vert.)	63 / 54 / 38°
Max. diameter of image field	43 mm (1.7")
Flange focal length	26.8 mm (1.05") with M42 Mount
Coverage at close range[2]	430 x 650 mm (16.8 x 24.7")
Image ratio at close range	1:18
Filter-thread	M 43 x 0.75
Weight	240 g (0.48 lbs.)
Camera mount	M42 with Flange Focal Distance 26,8 mm

2) *referring to Full Frame Format*

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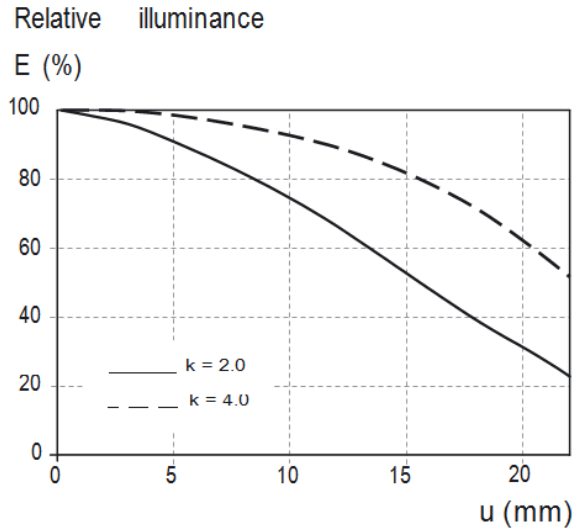
Biogon T* 2/35

Relative Illuminance[1)]

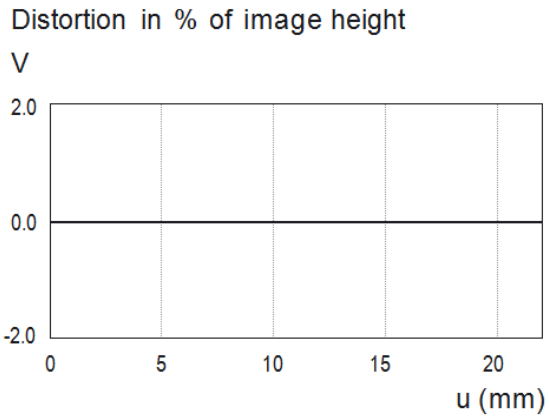
E [%]



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

__ f-number 2.0
… f-number 4.0

Relative Distortion[1)]



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

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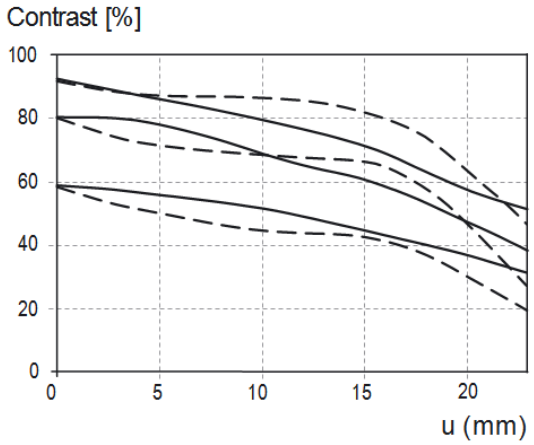
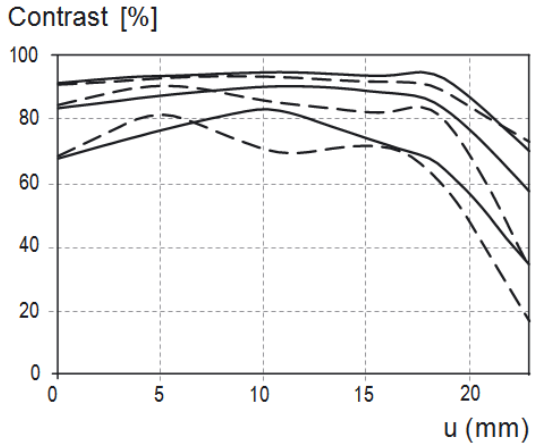
Biogon T* 2/35

MTF Charts[1)]



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
__ Saggital
… Tangential



f-number 4
__ Saggital
… Tangential

1) All Data for infinite focus setting