

# BI-TELECENTRIC LENS FOR 1/2" (1/1.8") TO 1/4" DETECTORS



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<b>Model:</b>	<b>TC 12 96</b>		
<b>Magnification (X):</b>	0,07		
<b>Object Field (mm):</b>	1/4" (3,6 x 2,7):	54,0 x 40,5	
	1/3" (4,8 x 3,6):	72,0 x 54,0	
	1/2" (6,4 x 4,8):	96,0 x 72,0	
	1/1.8" (7,13 x 5,37):	106,9 x 80,5	(5)
	2/3" (8,8 x 6,6):	Ø = 99,0	
<b>Working Distance (mm):</b>	279,6 +/- 8		
<b>Working F-number:</b>	8		
<b>MTF @70 lp/mm (%):</b>	>45		
<b>Field Depth (mm):</b>	120,0 @	F/ 8	
<b>Image side N.A.:</b>	0,062		
<b>Object side N.A.:</b>	0,004		
<b>Telecentricity (degree):</b>	<0,08		
<b>Distortion (%):</b>	<0,08		
<b>Mount:</b>	C		
<b>Length (mm):</b>	318		
<b>Maximum external diameter (mm):</b>	146		
<b>Weigh (g):</b>	2700		

## NOTES:

- 1) The inner aperture diaphragm can be supplied on request with smaller apertures in order to achieve a larger Field Depth
- 2) Tailored diffusive Ring Light available on request
- 3) Custom flanges and mechanical interfaces can be provided on request
- 4) Can be coupled to a collimated light illuminator like LT CL 96
- 5) Small vignetting at the image corners possible

