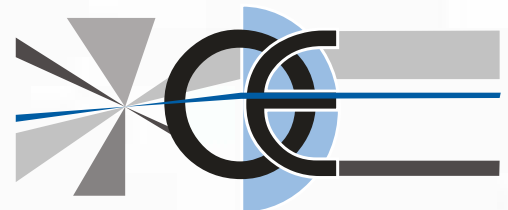


BI-TELECENTRIC LENS FOR 1/2" (1/1.8") TO 1/4" DETECTORS



WWW.OPTO-ENGINEERING.COM



Model:	TC 12 192		
Magnification (X):	0,03		
Object Field (mm):	1/4" (3,6 x 2,7):	108,0	x 81,0
	1/3" (4,8 x 3,6):	144,0	x 108,0
	1/2" (6,4 x 4,8):	192,0	x 144,0
	1/1.8" (7,13 x 5,37):	213,9	x 161,1 (5)
	2/3" (8,8 x 6,6):	∅	= 198,0
Working Distance (mm):	531,0 +/- 16		
Working F-number:	8		
MTF @70 lp/mm (%):	>45		
Field Depth (mm):	360,0	@	F/ 8
Image side N.A.:	0,062		
Object side N.A.:	0,002		
Telecentricity (degree):	<0,08		
Distortion (%):	<0,08		
Mount:	C		
Length (mm):	600		
Maximum external diameter (mm):	260		
Weigh (g):	8600		

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 192
- 5) Small vignetting at the image corners possible