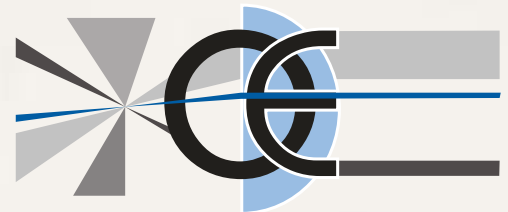


BI-TELECENTRIC LENS FOR 1/2" (1/1.8") TO 1/4" DETECTORS



WWW.OPTO-ENGINEERING.COM



Model:	TC 12 80		
Magnification (X):	0,08		
Object Field (mm):	1/4" (3,6 x 2,7):	45,0	x 33,8
	1/3" (4,8 x 3,6):	60,0	x 45,0
	1/2" (6,4 x 4,8):	80,0	x 60,0
	1/1.8" (7,13 x 5,37):	89,1	x 67,1 (5)
	2/3" (8,8 x 6,6):	Ø = 82,5	
Working Distance (mm):	227,7 +/- 7		
Working F-number:	8		
MTF @70 lp/mm (%):	>50		
Field Depth (mm):	90,0	@	F/ 8
Image side N.A.:	0,062		
Object side N.A.:	0,005		
Telecentricity (degree):	<0,08		
Distortion (%):	<0,1		
Mount:	C		
Length (mm):	272		
Maximum external diameter (mm):	120		
Weigh (g):	1480		

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 80
- 5) Small vignetting at the image corners possible

