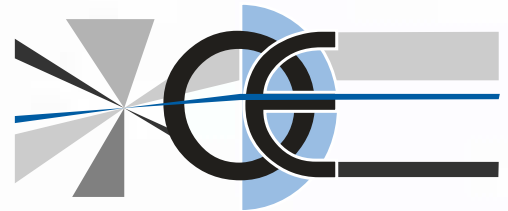


# BI-TELECENTRIC LENS FOR LINEAR DETECTORS



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<b>Model:</b>	<b>TCL 080</b>		
<b>Magnification (X):</b>	0,36		
<b>Object Field (mm):</b>	4k x 7 $\mu$ m (28,7 mm):	80,0	
	2k x 10 $\mu$ m (20,5 mm):	57,1	
	2k x 7 $\mu$ m (14,3 mm):	39,9	
	1k x 10 $\mu$ m (10,2 mm):	28,4	
<b>Working Distance (mm):</b>	243,0 +/- 7		
<b>Working F-number:</b>	9		
<b>MTF @70 lp/mm (%):</b>	>30		
<b>Field Depth (mm):</b>	7,0 @ F/ 9		
<b>Image side N.A.:</b>	0,055		
<b>Object side N.A.:</b>	0,020		
<b>Telecentricity (degree):</b>	<0,1		
<b>Distortion (%):</b>	<0,10		
<b>Mount:</b>	F or custom		
<b>Length (mm):</b>	460		
<b>Maximum external diameter (mm):</b>	120		
<b>Weigh (g):</b>	3150		

## 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