

BI-TELECENTRIC LENS FOR DETECTORS UP TO 1/2"



Model:	TC 12 80	
Magnification (X):	0,080 +/- 3%	
Object Field (mm):	1/4" (3,6 x 2,7):	44,8 x 33,6
	1/3" (4,8 x 3,6):	59,8 x 44,8
	1/2" (6,4 x 4,8):	79,7 x 59,8
	1/1.8" (7,13 x 5,37):	88,8 x 66,8 (*)
	2/3" (8,8 x 6,6):	diam. = 82,2
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):	116	
Weigh (g):	1560	

(*) Vignetting at the image corners possible with a 1/1.8" detector

ACCESSORIES AND OPTIONS:



Collimated/Telecentric illumination:
compatible with LTCL80 illuminator;
green light suggested.



Coaxial illumination:
compatible with LTCX64 illuminator.



Back Light illumination:
compatible with LTBK64 illuminator.



Clamping Mechanics:
compatible with Teleclamp80.

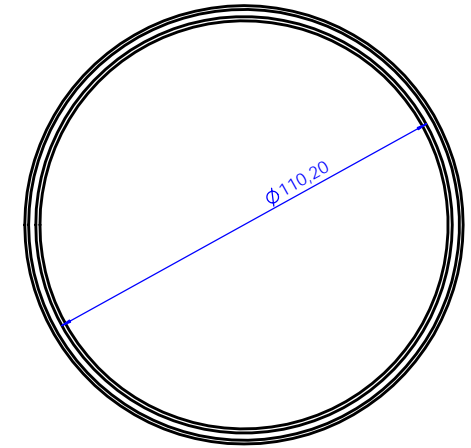
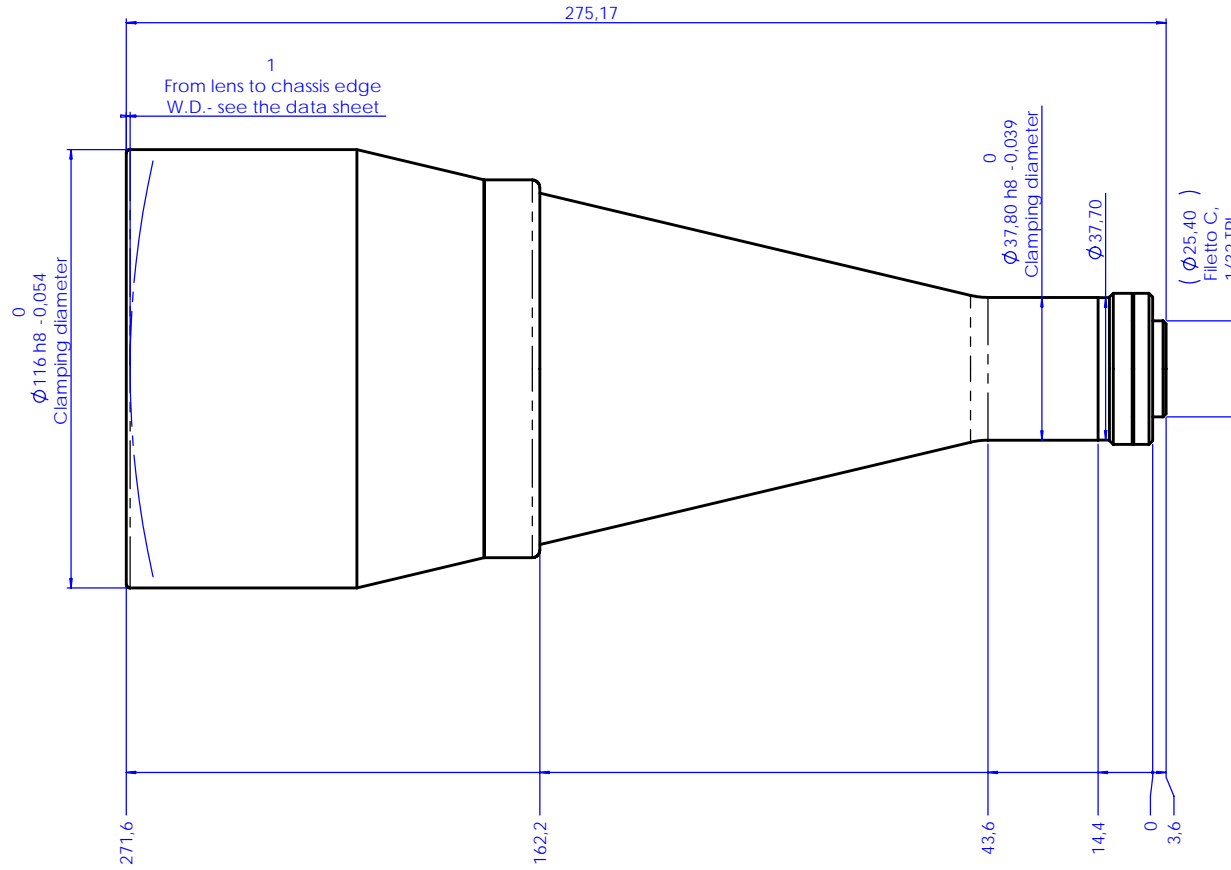


Direct illumination:
not available.



Filters:
filters can be inserted in the rear part
of the lens, by means of TC Filter Kit.

Rev No.	Description	Date	Name
A	First light	10/05/06	A.Vismara



Material	N.A.		Mass	1.56 kg	Scale	1:1																																								
Surface treatment	N.A.		Project-Prod.Item/Instrument Telecentric lens 23 80																																											
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