

BI-TELECENTRIC LENS FOR 1/3" TO 1/4" DETECTORS



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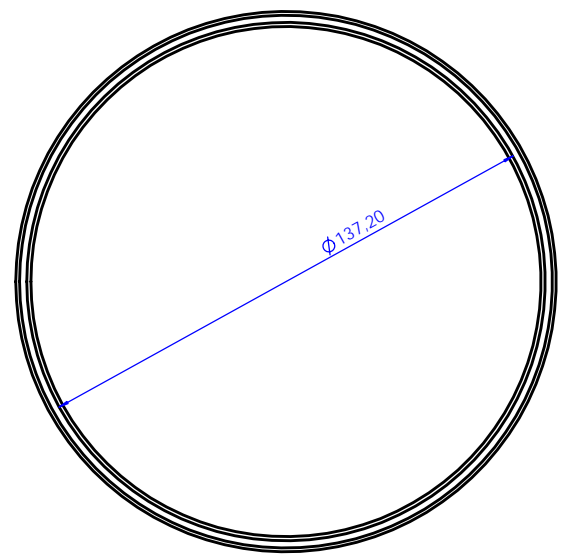
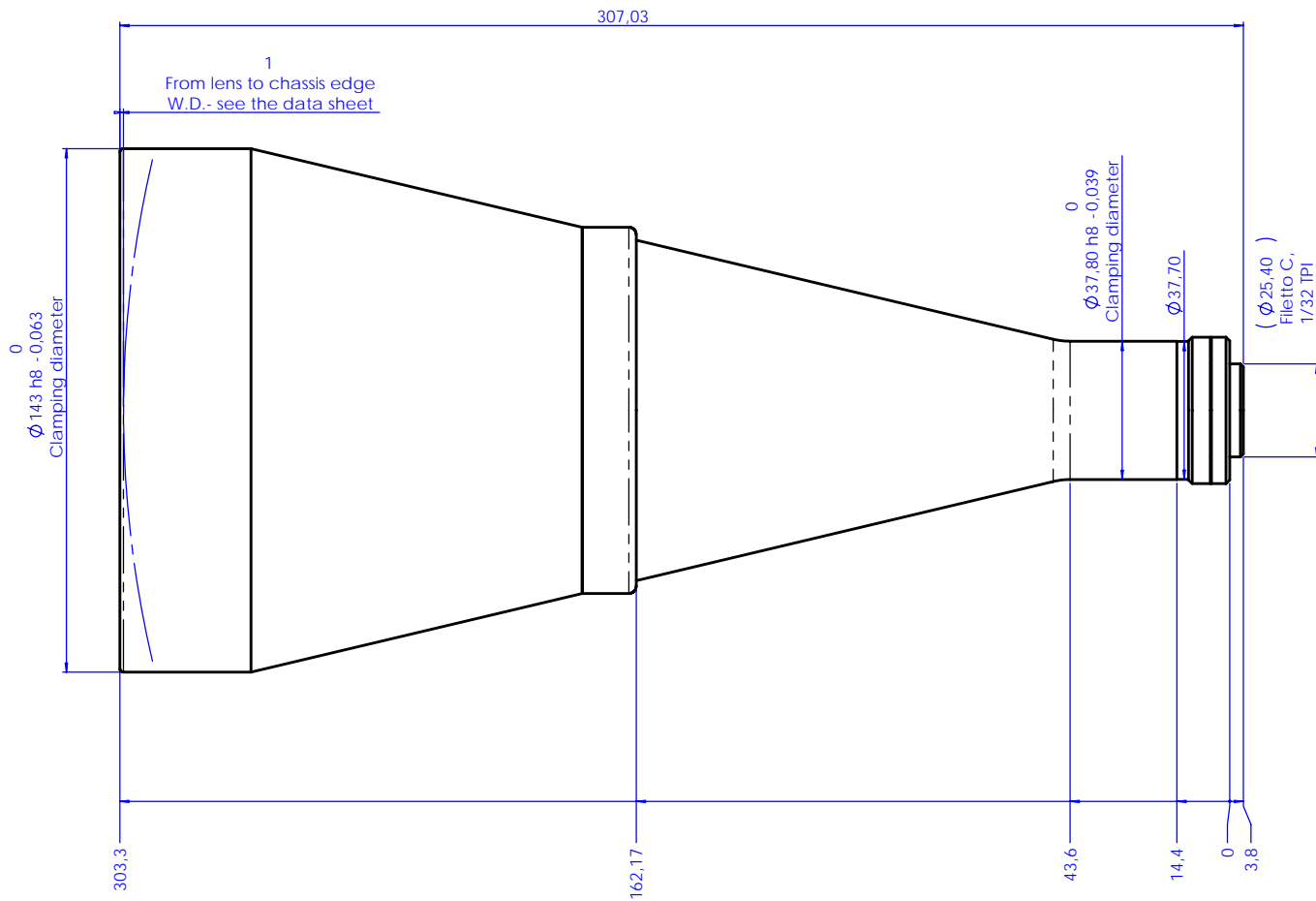


Model:	TC 13 96		
Magnification (X):	0,05		
Object Field (mm):	1/4" (3,6 x 2,7):	72,0	x 54,0
	1/3" (4,8 x 3,6):	96,0	x 72,0
	1/2" (6,4 x 4,8):	∅ =	96,0
	1/1.8" (7,13 x 5,37):	∅ =	107,4
	2/3" (8,8 x 6,6):	n.a	
Working Distance (mm):	280,6 +/- 8		
Working F-number:	8		
MTF @70 lp/mm (%):	>50		
Field Depth (mm):	240,0	@	F/ 8
Image side N.A.:	0,062		
Object side N.A.:	0,003		
Telecentricity (degree):	<0,08		
Distortion (%):	<0,1		
Mount:	C		
Length (mm):	302		
Maximum external diameter (mm):	146		
Weigh (g):	2100		

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

Rev No.	Description	Date	Name
A	First light	01/05/03	A.Vismara
D	Redesign	24/03/06	A.Vismara



Material	N.A.	Mass	2.4 kg	Scale	1:1
Surface treatment	N.A.	Project-Prod.Item/Instrument		Telecentric lens 13 96	
Geometrical tolerance (ISO 2768-2)		Class	K	Undimensioned Bevels	1x45°
Linear tolerance (ISO 2768-2)		Class	m	Undimensioned radii	R 0.5
0.5	>3-	>6-	>30-	>120-	>400-
-3	6	30	120	400	1000
±0.1	±0.1	±0.2	±0.3	±0.5	±0.8
					±1.2
Date		Name		Drawing No.	
Designed 15/02/06		A.Vismara		01071-0-D	
Draw 24/03/06		A.Vismara		Sheet 1/1	
Checked x		C.Sedazzari		Reproduction forbidden without specific authorization	
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