

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



Model:	TC 13 96	
Magnification (X):	0,050 +/- 3%	
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):	diam. = 96,0
	1/1.8" (7,13 x 5,37):	diam. = 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):	303	
Maximum external diameter (mm):	143	
Weigh (g):	2400	

ACCESSORIES AND OPTIONS:



Collimated/Telecentric illumination:
compatible with LTCL96 illuminator;
green light suggested.



Coaxial illumination:
not available.



Back Light illumination:
compatible with LTBK64 illuminator.



Clamping Mechanics:
compatible with Teleclamp96.

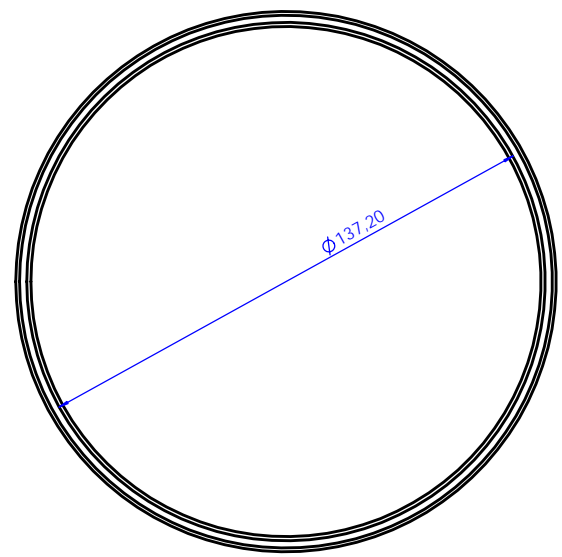
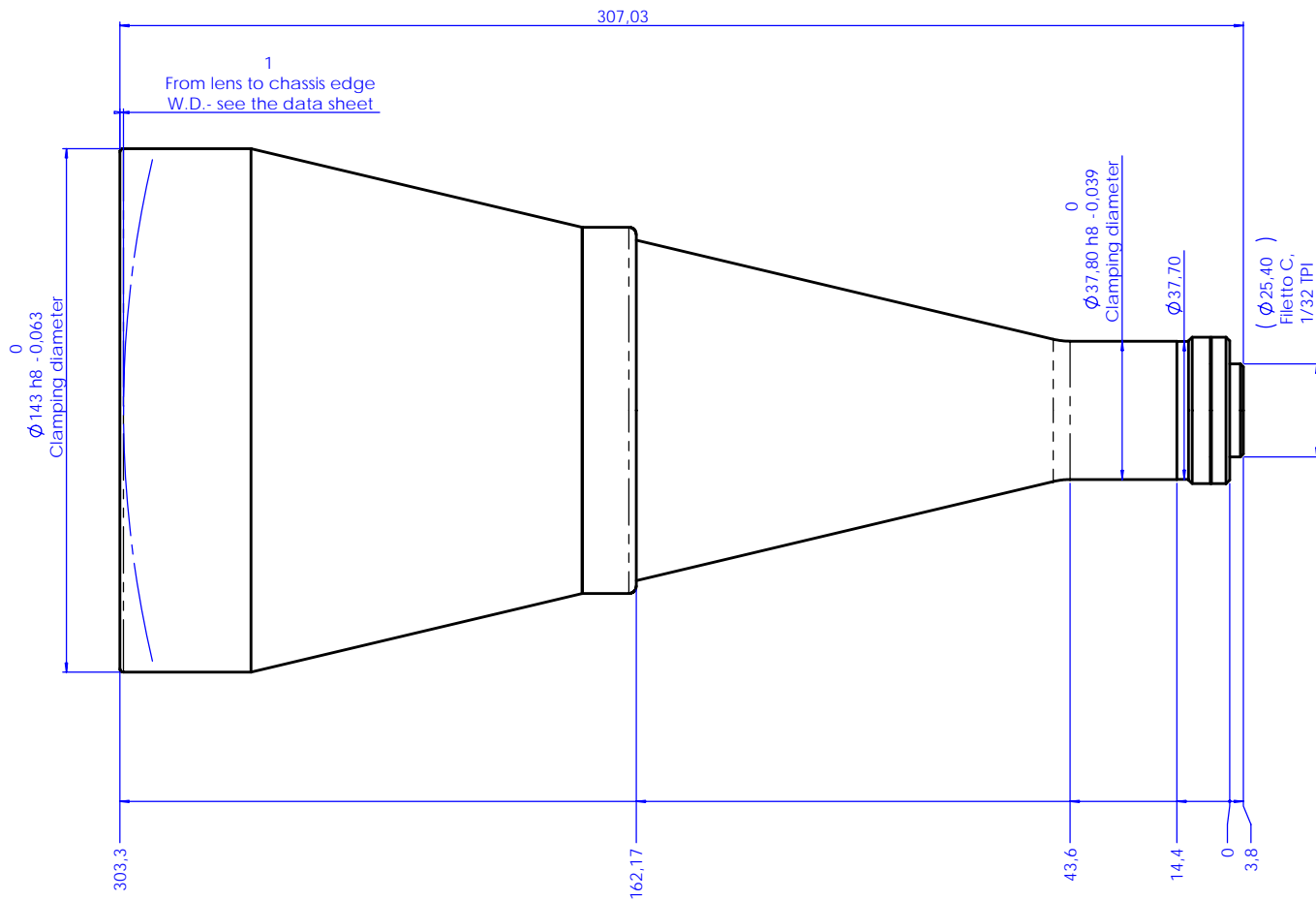


Direct illumination:
not available.



Filters:
not available.

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-	>1000
-3	6	30	120	400	1000	2000
±0.1	±0.1	±0.2	±0.3	±0.5	±0.8	±1.2
Date			Name			
Designed			15/02/06	A.Vismara		
Draw			24/03/06	A.Vismara		
Checked			x	C.Sedazzari		
Drawing No.			01071-0-D			
Sheet			1/1			