

BI-TELECENTRIC LENS FOR DETECTORS UP TO 2/3"



Model:	TC 23 36	
Magnification (X):	0,243 +/- 3%	
Object Field (mm):	1/4" (3,6 x 2,7):	14,8 x 11,1
	1/3" (4,8 x 3,6):	19,7 x 14,8
	1/2" (6,4 x 4,8):	26,3 x 19,7
	1/1.8" (7,13 x 5,37):	29,3 x 22,1
	2/3" (8,8 x 6,6):	36,2 x 27,1
Working Distance (mm):	103,5 +/- 3	
Working F-number:	8	
MTF @70 lp/mm (%):	> 40	
Field Depth (mm):	12,0 @ F/ 8	
Image side N.A.:	0,062	
Object side N.A.:	0,015	
Telecentricity (degree):	< 0,08	
Distortion (%):	< 0,10	
Mount:	C	
Length (mm):	165	
Maximum external diameter (mm):	61	
Weigh (g):	520	

ACCESSORIES AND OPTIONS:



Collimated/Telecentric illumination:
compatible with LTCL36 illuminator;
green light suggested.



Coaxial illumination:
Compatible with LTCX36 illuminator.



Back Light illumination:
Compatible with LTBK36 illuminator.



Clamping Mechanics:
compatible with Teleclamp36.

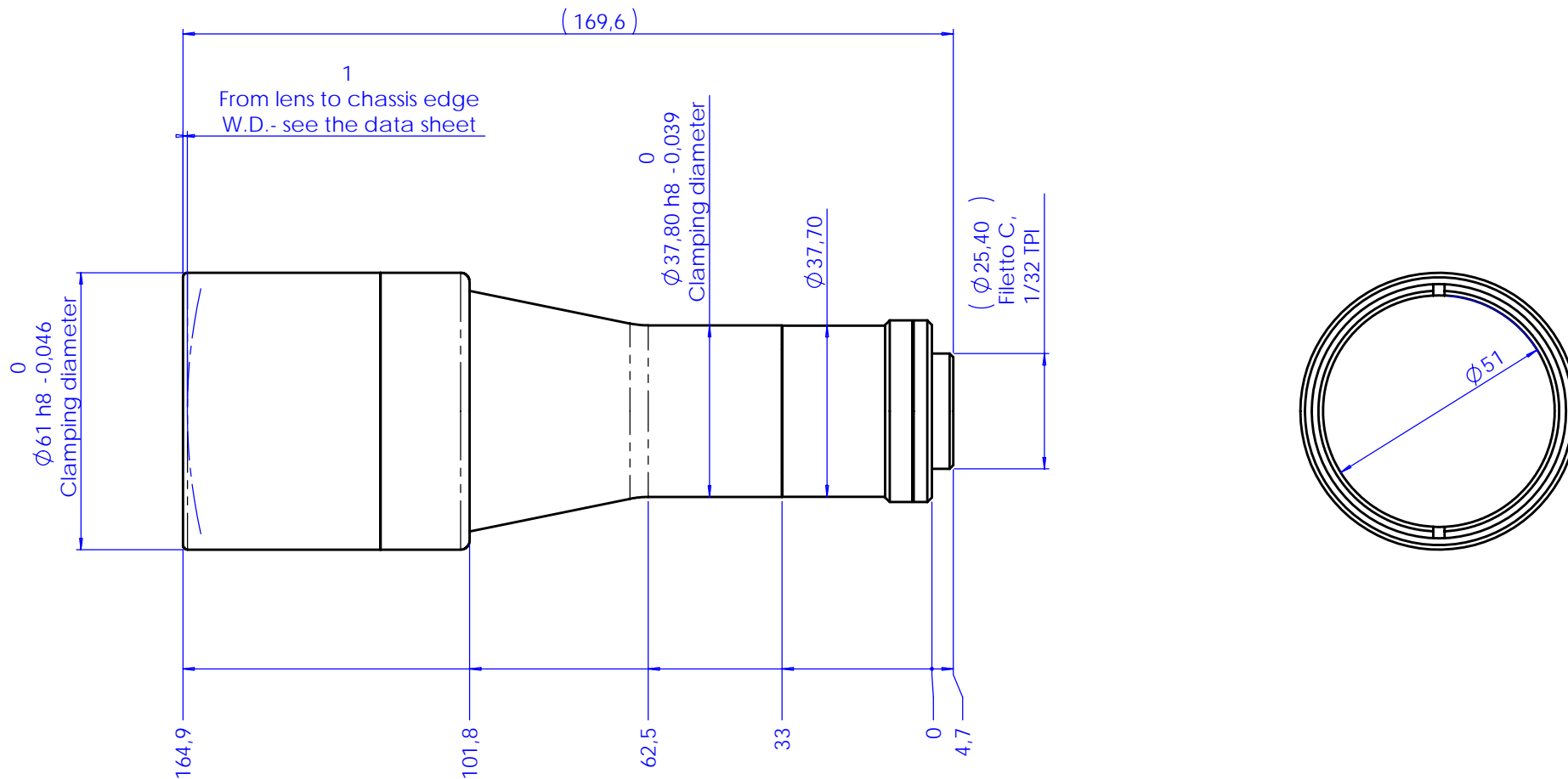


Direct illumination:
compatible with LTRN36 diffusive
anular illuminators.



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	01/05/03	A.Vismara
D	Redesign	15/02/06	A.Vismara



Material	N.A.			Mass	0.52 kg	Scale	1:1
Surface treatment	N.A.			Project-Prod.Item/Instrument Telecentric lens 23 36			
Geometrical tolerance (ISO 2768-2)			Class	K	Description		
Linear tolerance (ISO 2768-2)			Class	m	Undimensioned bevels	1x45°	Assembly
0.5	>3-	>6-	>30-	>120	>400-	>1000	
+3	6	30	120	+400	+1000	+2000	R 0.5
±0.1	±0.1	±0.2	±0.3	±0.5	±0.8	±1.2	±2
www.opto-engineering.com			Date	Name	Drawing No.		
			Designed	15/02/06	A.Vismara	01201-0-D	
			Draw	15/02/06	A.Vismara	Sheet	
			Checked	X	C. Sedazzari	1/1	
Reproduction forbidden without specific authorization							