TC 23 36

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

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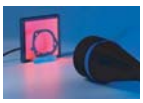
Part Number		TC 23 36
Magnification		0,243 +/- 3%
Field Of View	**(mm x mm)**	
with 1/4" (3,6 x 2,7) detector		14,8 x 11,1
with 1/3" (4,8 x 3,6) detector		19,7 x 14,8
with 1/2" (6,4 x 4,8) detector		26,3 x 19,7
with 1/1.8" (7,13 x 5,37) detector		29,3 x 22,1
with 2/3" (8,8 x 6,6) detector		36,2 x 27,1
Working Distance	**(mm)**	103,5 +/- 3
Working F-number		8
Telecentricity	**(degree)**	< 0,08
Distortion	**(%)**	< 0,10
Field Depth	**(mm)**	11,0
CTF @70 lp/mm	**(%)**	> 40
Image side N.A.		0,0620
Object side N.A.		0,0150
Mount		C
Length	**(mm)**	164,9
External diameter	**(mm)**	61,0
Weight	**(g)**	520

ACCESSORIES AND OPTIONS:

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

Coaxial illumination:
Compatible with *LTCX36* illuminator.



Back Ligth illumination:
Compatible with *LTBK36* and *LTBK48* illuminators.

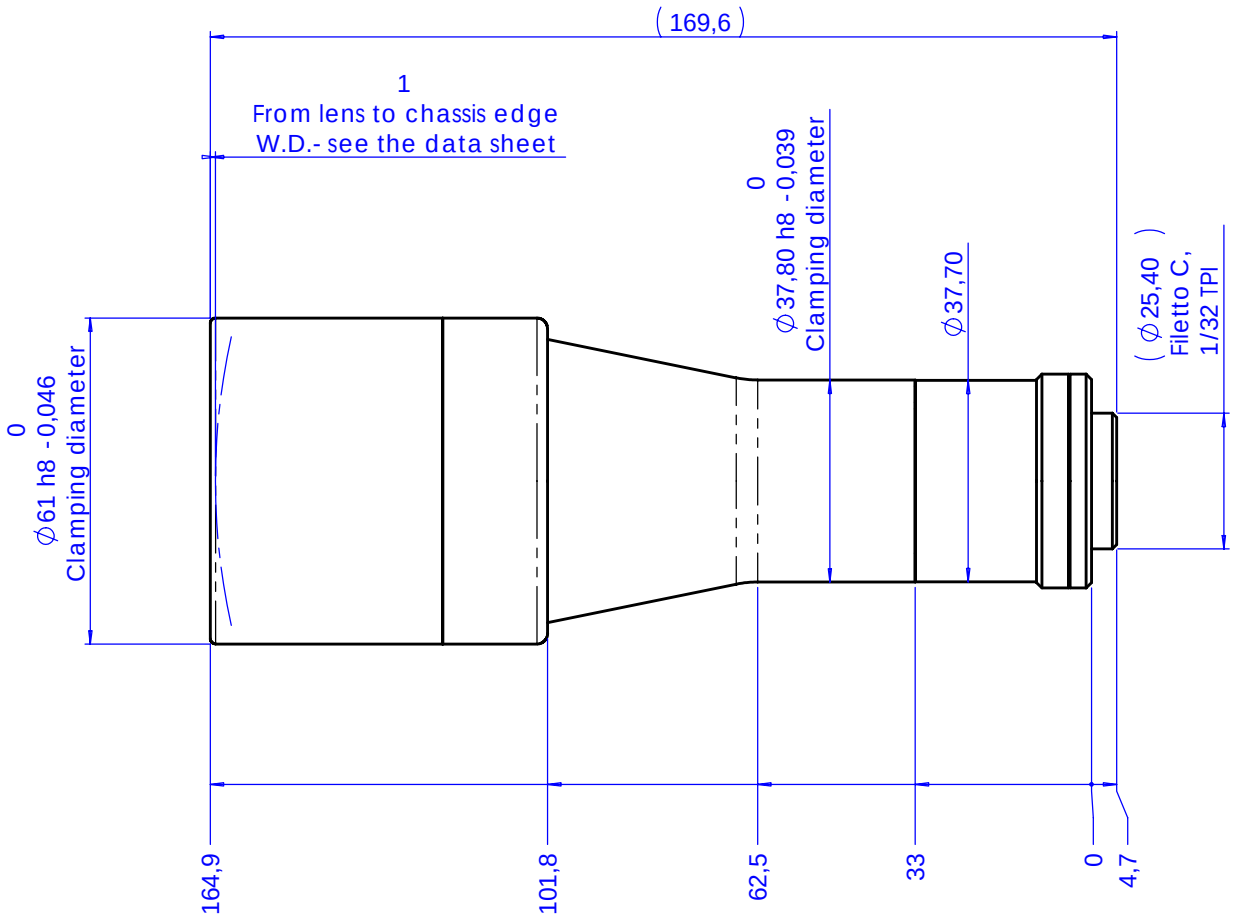
Clamping Mechanics:
compatible with *CMHO36.*

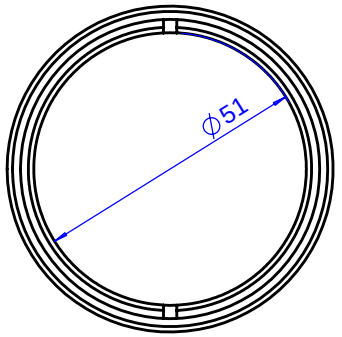
Direct illumination:
compatible with *LTRN36* diffusive anular illuminators.

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

MECHANICAL DRAWINGS: see next page >>

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	Undimensioned bevels	1x45°	Description: Assembly
Linear tolerance (ISO 2768-2)							Class	m			
0.5 ÷3	>3÷ 6	>6÷ 30	>30÷ 120	>120 ÷400	>400÷ 1000	>1000 ÷2000	>2000 ÷4000		Undimensioned radii	R 0.5	
±0.1	±0.1	±0.2	±0.3	±0.5	±0.8	±1.2	±2				

	Date	Name	Drawing No.	Sheet
Designed	15/02/06	A.Vismara	01201-0-D	1/1
Draw	15/02/06	A.Vismara		
Checked	X	C. Sedazzari		

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