

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



Model:	TC 23 80	
Magnification (X):	0,110 +/- 3%	
Object Field (mm):	1/4" (3,6 x 2,7):	32,6 x 24,5
	1/3" (4,8 x 3,6):	43,5 x 32,6
	1/2" (6,4 x 4,8):	58,0 x 43,5
	1/1.8" (7,13 x 5,37):	64,6 x 48,7
	2/3" (8,8 x 6,6):	79,8 x 59,8
Working Distance (mm):	227,7 +/- 7	
Working F-number:	8	
MTF @70 lp/mm (%):	> 50	
Field Depth (mm):	57,0 @	F/ 8
Image side N.A.:	0,062	
Object side N.A.:	0,007	
Telecentricity (degree):	< 0,08	
Distortion (%):	<0,1	
Mount:	C	
Length (mm):	291	
Maximum external diameter (mm):	116	
Weigh (g):	1600	

ACCESSORIES AND OPTIONS:



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



Coaxial illumination:
compatible with LTCX64 illuminator.



Back Light illumination:
compatible with LTBK64 illuminator.



Clamping Mechanics:
compatible with Teleclamp80.

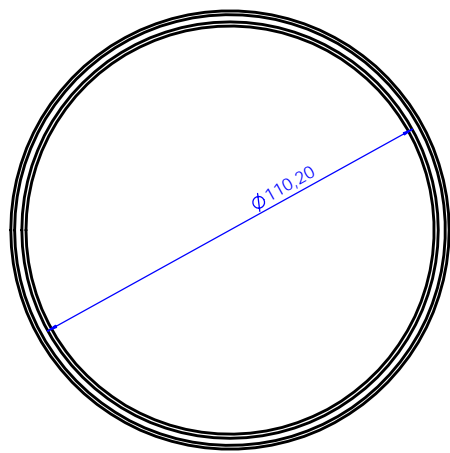
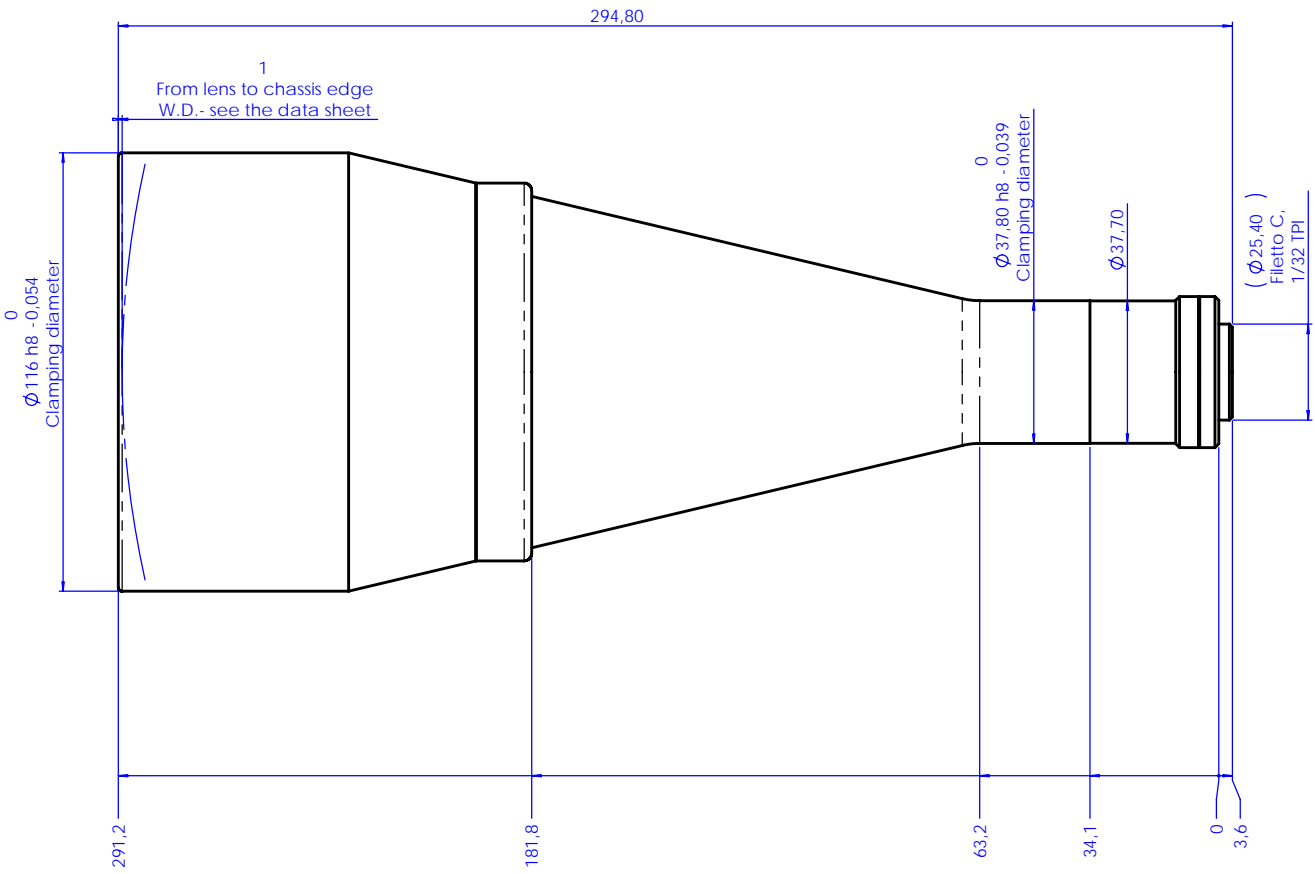


Direct illumination:
not available.



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	10/03/06	A.Vismara



Material	N.A.		Mass	1.6 kg	Scale	1:1
Surface treatment	N.A.		Project-Prod.Item/Instrument	Telecentric lens 23 80		
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			10/03/06	A.Vismara		
Draw			10/03/06	A.Vismara		
Checked			x	C.Sedazzari		
Drawing No.			02401-0-A			
Sheet			1/1			