Bi-Telecentric Lens for 2/3" to 1/4" detectors

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Model:		**TC 23 200**
Magnification (X):		0,04
Object Field (mm):	*1/4" (3,6 x 2,7):*	81,8 x 61,4
	1/3" (4,8 x 3,6):	109,1 x 81,8
	1/2" (6,4 x 4,8):	145,5 x 109,1
	1/1.8" (7,13 x 5,37):	162,0 x 122,0
	2/3" (8,8 x 6,6):	200,0 x 150,0
Working Distance (mm):		500,0 +/- 15
Working F-number:		8
MTF @70 lp/mm (%):		> 40
Field Depth (mm):		310,0 @ F/ 8
Image side N.A.:		0,062
Object side N.A.:		0,002
Telecentricity (degree):		<0,08
Distortion (%):		<0,1
Mount:		C
Length (mm):		785
Maximum external diameter (mm):		330
Weigh (g):		12400

NOTES:

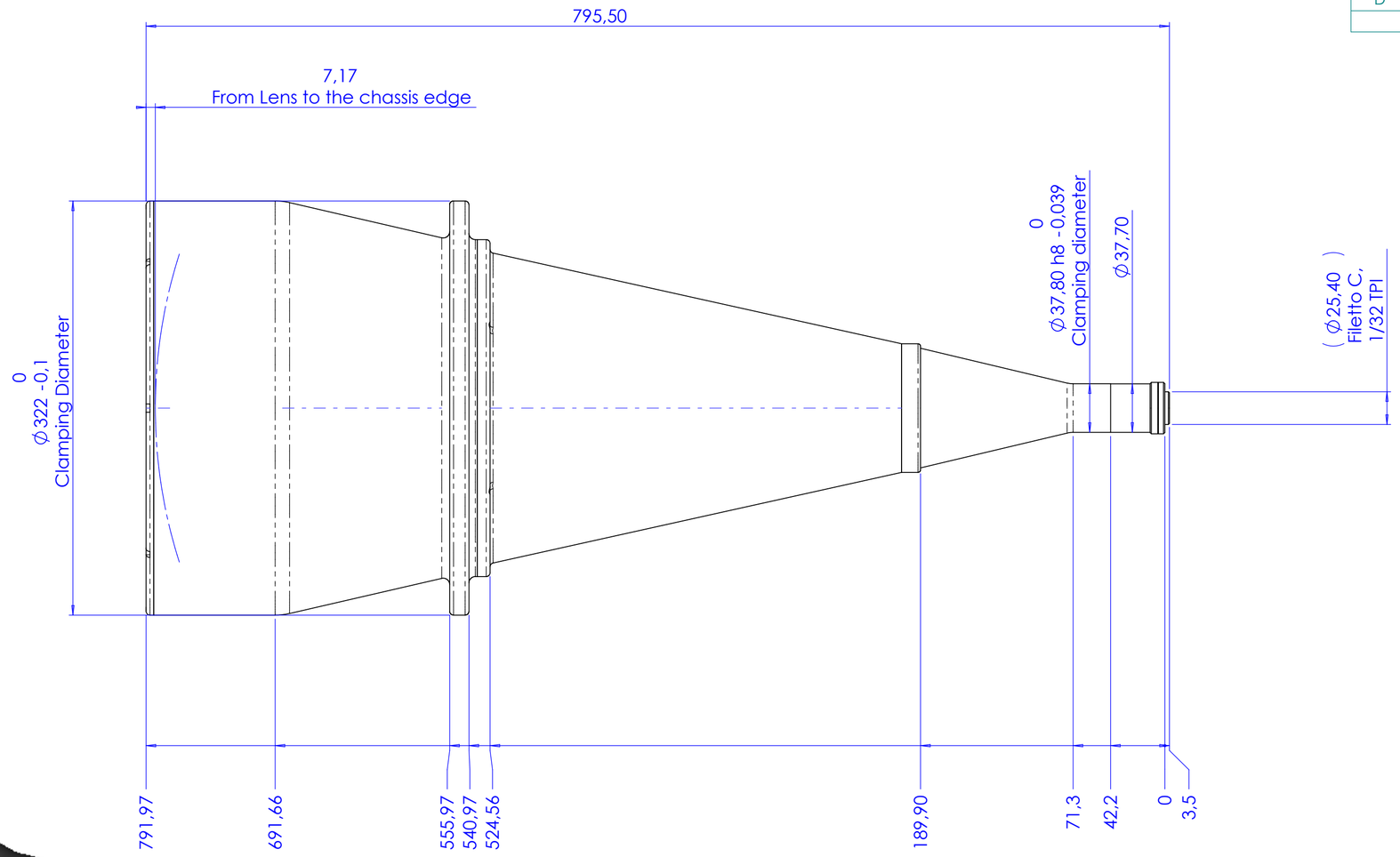
1) The inner aperture diaphragm can be supplied on request with smaller apertures in order to achieve a larger Field Depth

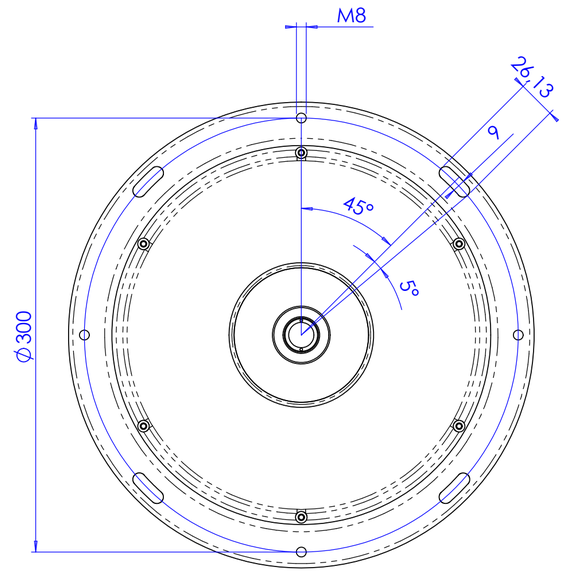
2) Tailored diffusive Ring Light available on request

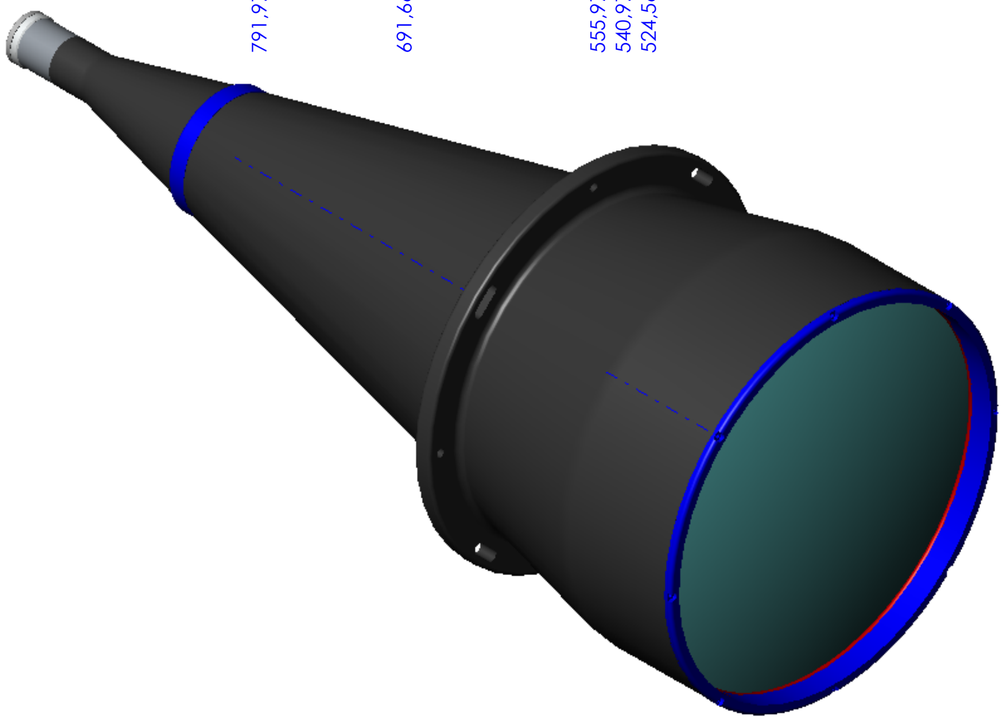
3) Custom flanges and mechanical interfaces can be provided on request

4) Can be coupled to a collimated light illuminator like LT CL 240

Rev No.	Description	Date	Name
A	First light	19/09/05	E.Barbieri
D	Redesign	23/03/06	E.Barbieri







Material	N.A.	Mass	18.5 kg
Surface treatment	N.A.	Scale	1:3
Project-Prod.item/Instrument	Telecentric lens 23 200		
Description	Assembly		

Geometrical tolerance (ISO 2768-2) — Class K
Linear tolerance (ISO 2768-2) — Class m

0.5 ÷3	>3÷ 6	>6÷ 30	>30÷ 120	>120 ÷400	>400÷ 1000	>1000 ÷2000	>2000 ÷4000
±0.1	±0.1	±0.2	±0.3	±0.5	±0.8	±1.2	±2

Undimensioned bevels: 1x45°
Undimensioned radii: R 0.5

	Date	Name
Designed	19/09/05	E.Barbieri
Draw	23/03/06	E.Barbieri
Checked	X	A.Bnà

Drawing No. 13701-0-D — Sheet 1/1

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