Bi-Telecentric Lens for 1/2” (1/1.8”) to 1/4” detectors

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Model:		**TC 12 56**	
Magnification (X):		0,11	
Object Field (mm):	*1/4" (3,6 x 2,7):*	31,52 x 23,64	
	1/3" (4,8 x 3,6):	42,03 x 31,52	
	1/2" (6,4 x 4,8):	56,04 x 42,03	
	1/1.8" (7,13 x 5,37):	62,42 x 47,01	*(5)*
	2/3" (8,8 x 6,6):	Ø = 57,79	
Working Distance (mm):		159,3 +/- 5	
Working F-number:		8	
MTF @70 lp/mm (%):		>50	
Field Depth (mm):		45,0 @ F/ 8	
Image side N.A.:		0,062	
Object side N.A.:		0,007	
Telecentricity (degree):		<0,08	
Distortion (%):		< 0,08	
Mount:		C	
Length (mm):		205	
Maximum external diameter (mm):		80	
Weigh (g):		830	

NOTES:

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

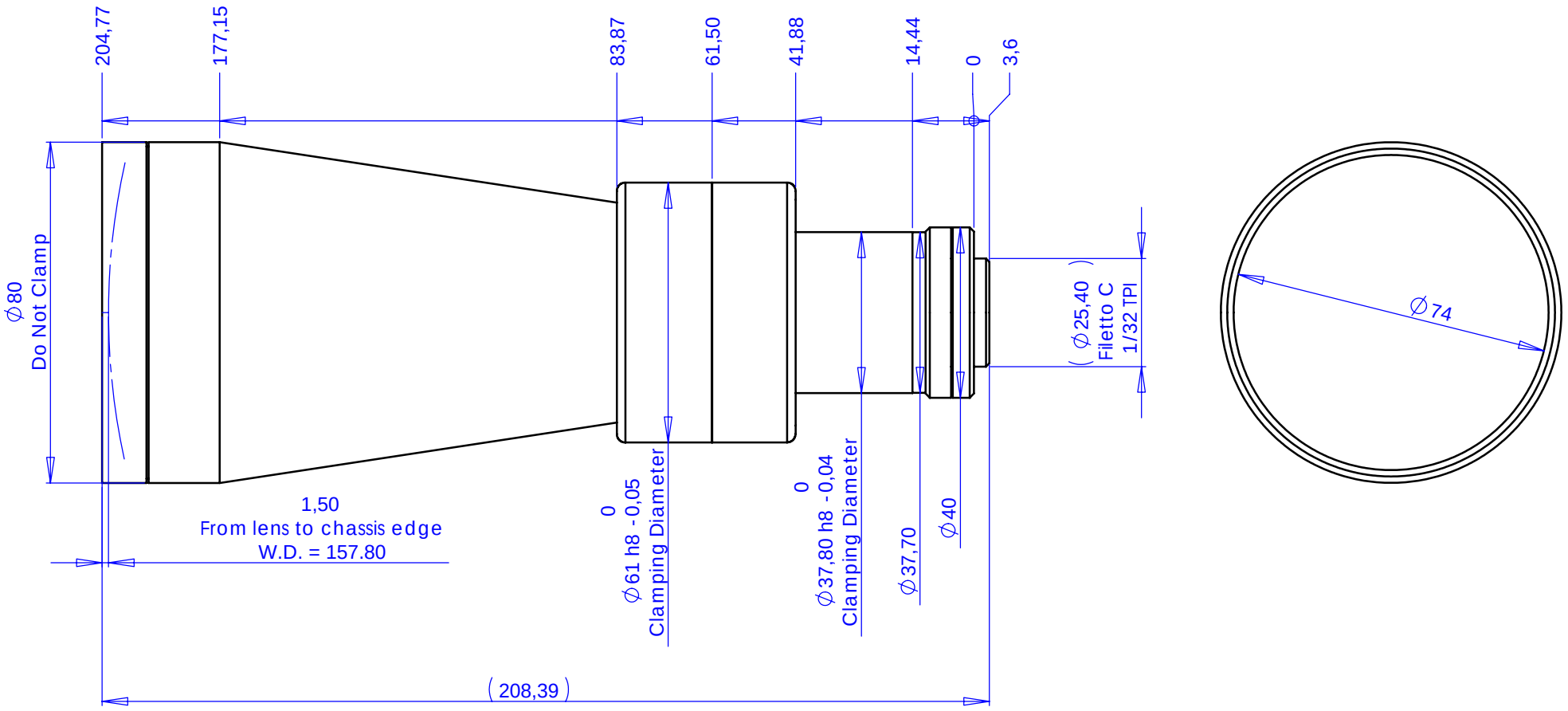
2) Tailored diffusive Ring Light available on request

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

4) Can be coupled to a collimated light illuminator like LT CL 56

5) Small vignetting at the image corners possible

Rev No.	Description	Date	Name
D	Assieme TC1256 - Nuova Versione	25/03/06	A. Bnà



Geometrical tolerance (ISO 2768-2)								Class	K	Undimensioned bevels	1x45°
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				

Material

Surface treatment

Mass

Scale 1:1

Project-Prod.item/Instrument

TC 12 56

Description

Assembly

	Date	Name
Designed	25/03/06	A. Bnà
Draw	25/03/06	A. Bnà
Checked	X	C. Sedazzari

Drawing No.

13671-0-D-TC1256

Sheet 1/1

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