

TC 2M 36

BI-TELECENTRIC LENS FOR 1" (16MM DIAGONAL) DETECTORS



Model:	TC 2M 36 /C (/F)
Magnification (X):	0,354 +/- 3%
Object Field (mm):	<i>Cypress IBIS4-6600:</i> 29,6 x 21,8 <i>Kodak KAI 2020:</i> 33,4 x 25,1 <i>Kodak KAI 2093:</i> 40,1 x 22,6
Working Distance (mm):	103,5 +/- 3
Working F-number:	16
MTF @50 lp/mm (%):	> 30 (*)
Field Depth (mm):	11,0 @ F/ 16
Telecentricity (degree):	< 0,1
Distortion (%):	< 0,1
Mount:	C (/C) or F (/F)
Length (mm):	250,0
Maximum external diameter (mm):	61,0
Weigh (g):	880

(*) Green or Red LED or pseudo monochromatic light highly recommended for optical specification improvement

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.

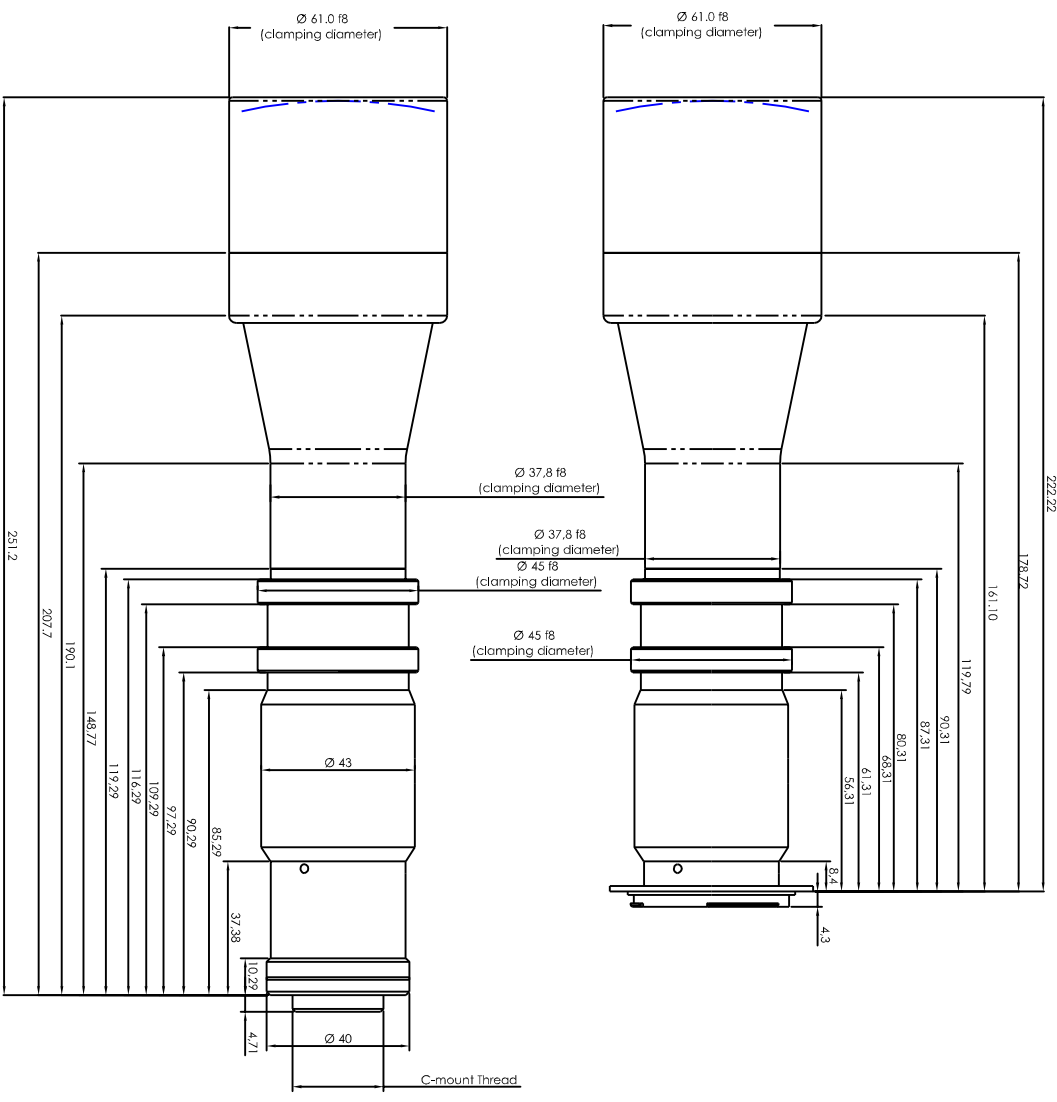


Filters:
filters can be inserted in the rear part
of the lens with the C-mount option.

Rev No.	Description	Date	Name
A	First light	01/05/03	A.Vismara
D	Redesign	15/02/06	A.Vismara

TC 2M 36/F (F-mount)

TC 2M 36/C (C-mount)



Material	N.A.	Mass	0.92 Kg	Scale	1:1
Surface treatment	N.A.	Project/Prod/Item/Instrument	Telecentric lens TC2M36		

Geometrical tolerance (ISO 2769:2)	Class	K	Undimensioned	1x45°
Upper tolerance (ISO 2769:2)	Class	m	bevels	
Lower tolerance	Class	rad	Undimensioned	R 0.5
	Class	±2		
	Class	±1.2		

Designed	15/02/06	A.Vismara	Drawing No.	18324-0-A-TC2M36	Sheet
Drow	15/02/06	A.Vismara			
Checked	X	C. Sedozzi	Reproduction forbidden without specific authorization		1/1

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