

TC 4M 96

BI-TELECENTRIC LENS FOR 4MPiX (22MM DIAGONAL) DETECTORS



Model:	TC 4M 96 /C (/F)
Magnification (X):	0,187 +/- 3%
Object Field (mm):	<i>Cypress IBIS4-6600:</i> 56,2 x 41,4 <i>Kodak KAI 2020:</i> 63,4 x 47,5 <i>Kodak KAI 2093:</i> 76,1 x 42,8 <i>MICRON MI-MV40:</i> 88,1 x 64,8 <i>Kodak KAI4011/4021:</i> 81,1 = 81,1
Working Distance (mm):	279,6 +/- 8
Working F-number:	16
MTF @50 lp/mm (%):	> 30 (*)
Field Depth (mm):	35,0 @ F/ 16
Telecentricity (degree):	< 0,1
Distortion (%):	< 0,1
Mount:	C (/C) or F (/F)
Length (mm):	441,5
Maximum external diameter (mm):	143,0
Weigh (g):	2900

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

ACCESSORIES AND OPTIONS:



Collimated/Telecentric illumination:
compatible with LTCL96 illuminator;
green light suggested.



Coaxial illumination:
not available.



Back Light illumination:
Compatible with LTBK64 illuminator.



Clamping Mechanics:
compatible with Teleclamp96.

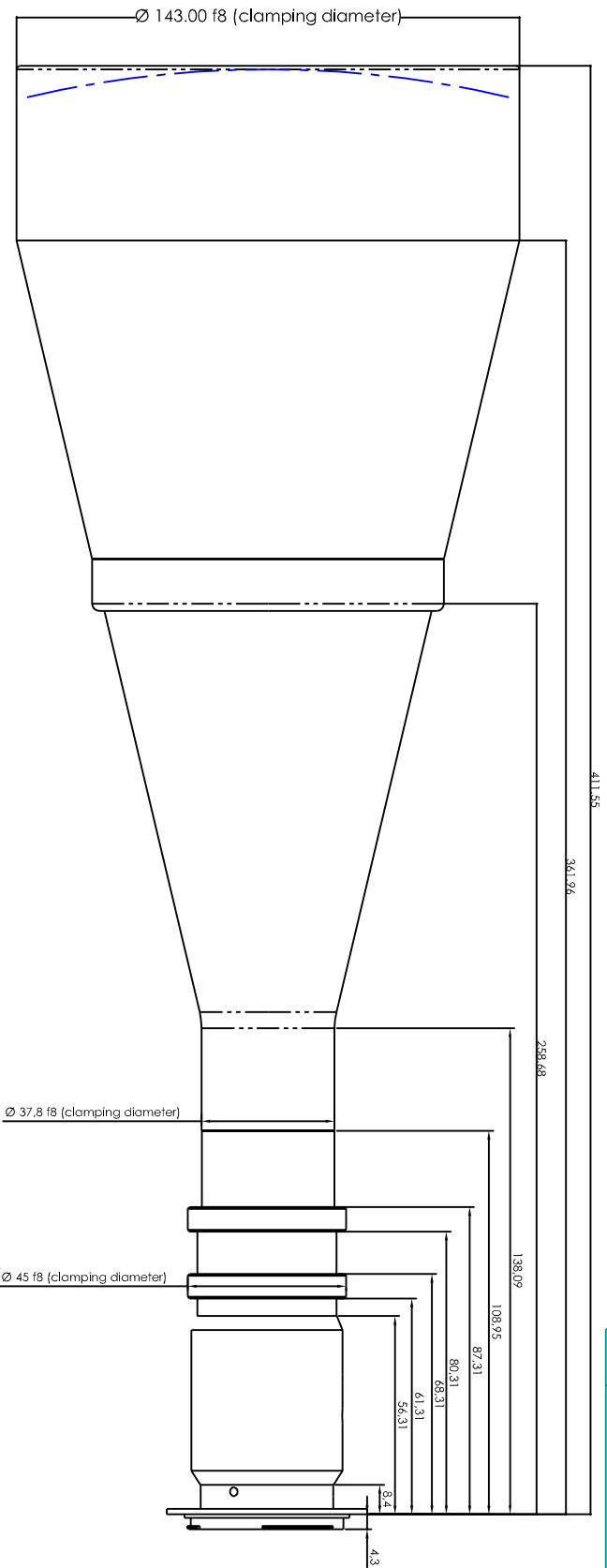


Direct illumination:
not available.

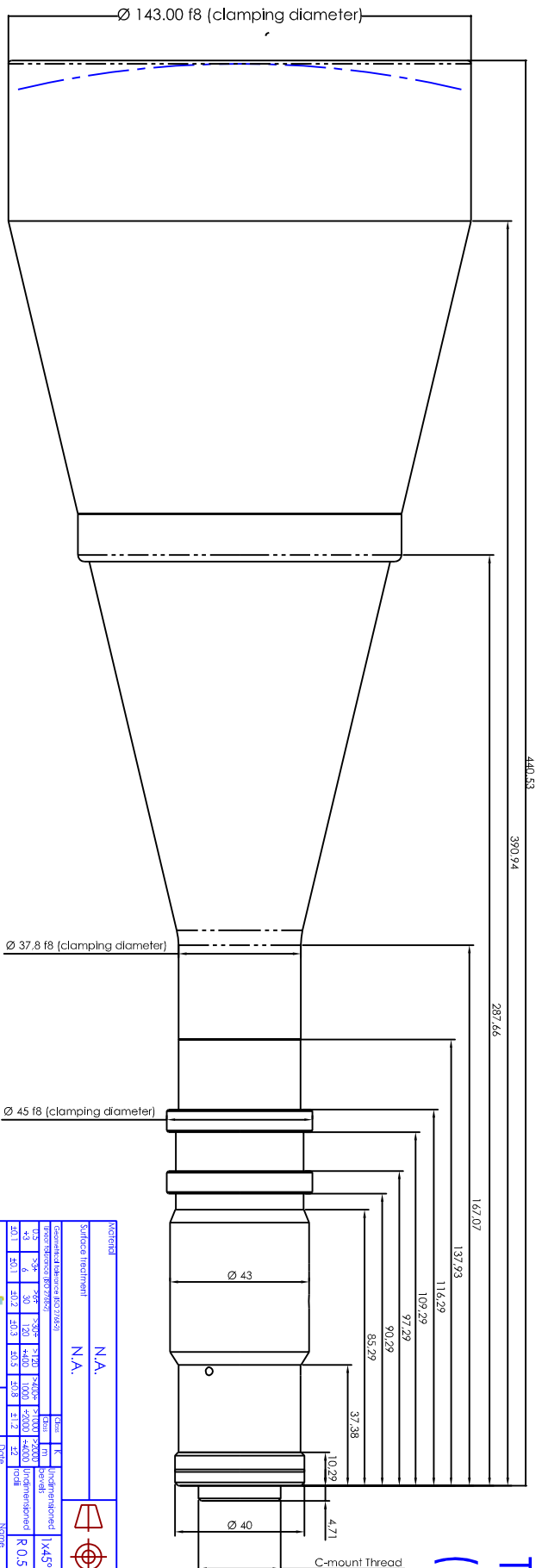


Filters:
filters can be inserted in the rear part
of the lens with the C-mount option.

Rev. No.	Description	Date	Name
A	First Light	10/03/06	A.Vismarici



TC 4M 96/F (F-mount)



TC 4M 96/C (C-mount)

Model	N.A.	Mass	2.9 Kg	Scale	1:1
Surface treatment	N.A.	Project/Production/Instrument	Telecentric lens TC 4M 96		
Commercial reference (ISO 7243)		Material	1x45°	Description	
Technical reference (ISO 7243)		Dimensions	R 0.5	Assembly	
Material		Design	10/03/06	Designed by	A.Vismarici
Color		Drawn	10/03/06	Drawn by	A.Vismarici
Coating		Checked	X	Checked by	C.Sedazzoli

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