

TC 2M 64

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



Model:	TC 2M 64 /C (/F)
Magnification (X):	0,200 +/- 3%
Object Field (mm):	<i>Cypress IBIS4-6600:</i> 52,5 x 38,6 <i>Kodak KAI 2020:</i> 59,2 x 44,4 <i>Kodak KAI 2093:</i> 71,0 x 40,0
Working Distance (mm):	182,3 +/- 5
Working F-number:	16
MTF @50 lp/mm (%):	> 30 (*)
Field Depth (mm):	30,0 @ F/ 16
Telecentricity (degree):	< 0,1
Distortion (%):	< 0,1
Mount:	C (/C) or F (/F)
Length (mm):	330,9
Maximum external diameter (mm):	100,0
Weigh (g):	1400

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

ACCESSORIES AND OPTIONS:



Collimated/Telecentric illumination:
compatible with LTCL64 illuminator;
green light suggested.



Coaxial illumination:
compatible with LTCX64 illuminator.



Back Light illumination:
Compatible with LTBK64 illuminator.



Clamping Mechanics:
compatible with Teleclamp64.

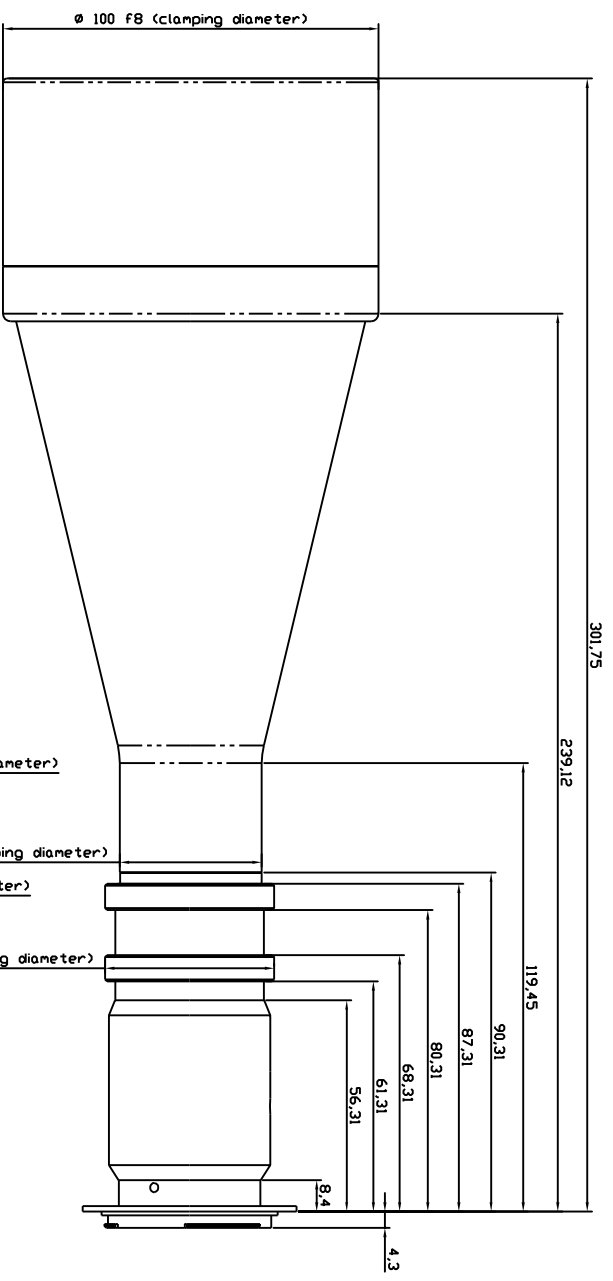


Direct illumination:
compatible with LTRN64 diffusive
anular illuminators.

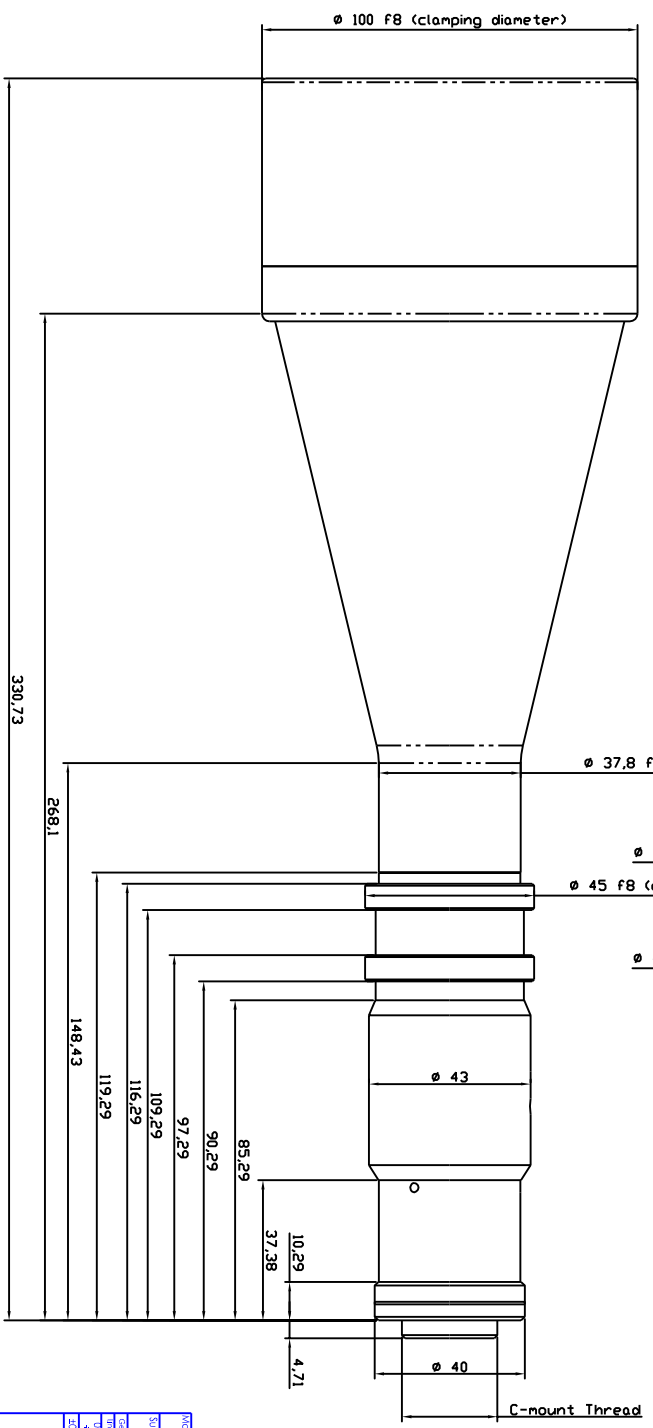


Filters:
filters can be inserted in the rear part
of the lens with the C-mount option.

Rev. No.	Description	Date	Name
A	First Light	20/12/06	A.Vismorici



TC 2M 64/F
(F-mount)



TC 2M 64/C
(C-mount)

MATERIAL		N.A.	Mass	1,5 kg	Scale	1:1
Surface treatment		N.A.	Project/Production/Instrument			
Description		Telecentric lens TC 2M 64				
Assembly		18327-0-A-TC2M64				
Drawing No.		1/1				
Sheet		1/1				

