

TC 2M 80

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



Model:	TC 2M 80 /C (/F)
Magnification (X):	0,161 +/- 3%
Object Field (mm):	<i>Cypress IBIS4-6600:</i> 65,4 x 48,1 <i>Kodak KAI 2020:</i> 73,7 x 55,3 <i>Kodak KAI 2093:</i> 88,5 x 49,8
Working Distance (mm):	227,7 +/- 7
Working F-number:	16
MTF @50 lp/mm (%):	> 30 (*)
Field Depth (mm):	45,0 @ F/ 16
Telecentricity (degree):	< 0,1
Distortion (%):	< 0,1
Mount:	C (/C) or F (/F)
Length (mm):	376,6
Maximum external diameter (mm):	116,0
Weigh (g):	1960

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

ACCESSORIES AND OPTIONS:



Collimated/Telecentric illumination:
compatible with LTCL80 illuminator;
green light suggested.



Coaxial illumination:
compatible with LTCX64 illuminator.



Back Light illumination:
Compatible with LTBK64 illuminator.



Clamping Mechanics:
compatible with Teleclamp80.



Direct illumination:
not available.

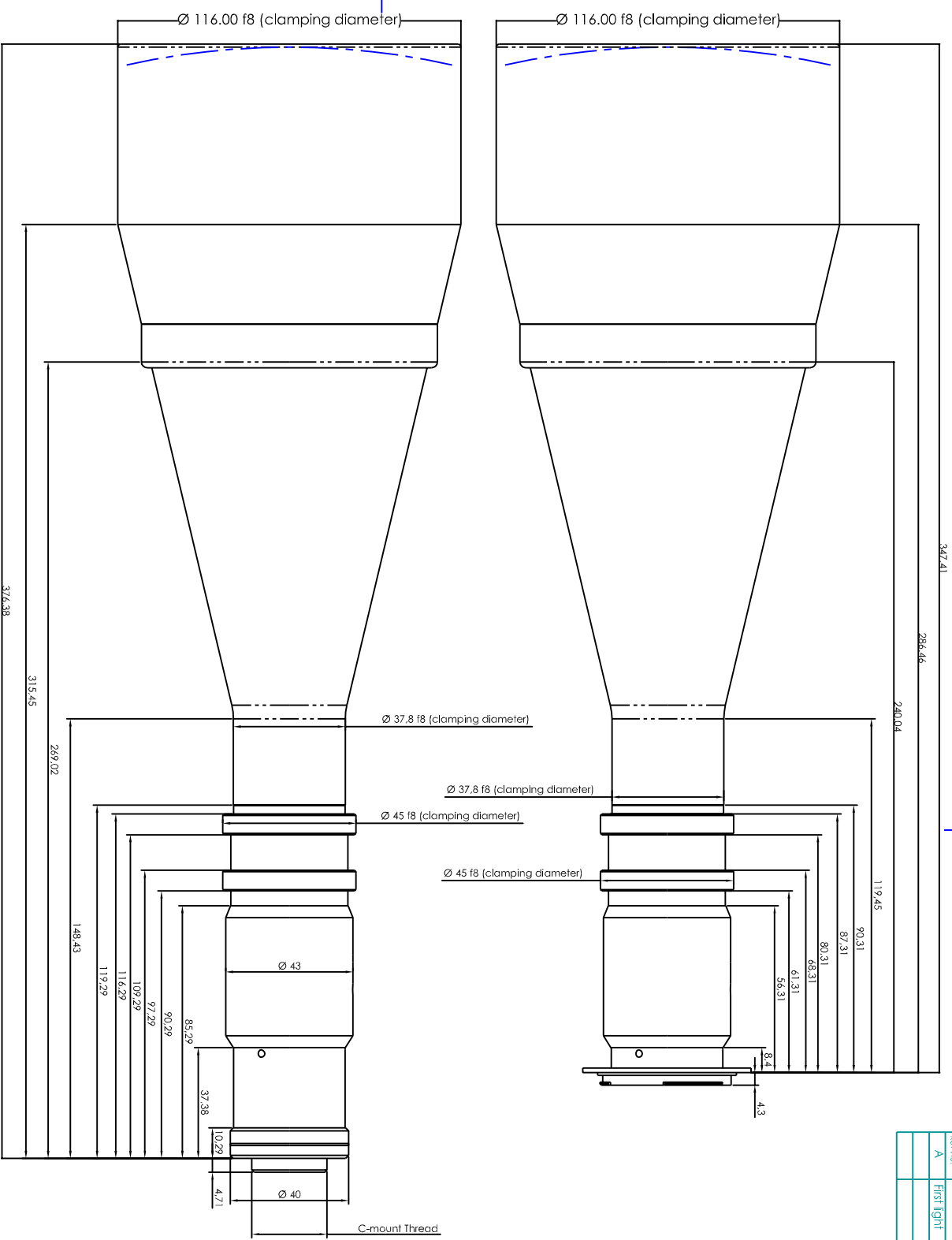


Filters:
filters can be inserted in the rear part
of the lens with the C-mount option.

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

TC 2M 80/F (F-mount)

TC 2M 80/C (C-mount)



Quantity	N.A.	Mass	2.0 kg	Scale	1:1
Surface treatment	N.A.	Project/Requirement/Statement	Telecentric lens TC 2M 80		
Material reference (ISO 7243)		Description	Assembly		
Material reference (ISO 7243)		Material	1x45°		
Material reference (ISO 7243)		Material	R 0.5		
Material reference (ISO 7243)		Material	10/03/06		
Material reference (ISO 7243)		Material	10/03/06		
Material reference (ISO 7243)		Material	C.Sedcziti		
Material reference (ISO 7243)		Material	X		

Design No.	18328-0-A-TC2M80	Sheet	1/1
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