

TC 2M 80

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



Part Number	TC 2M 80 (/C /F)	
Magnification		0,161 +/- 3%
Field Of View	(mm)	
with IBIS4-6600		65,4 x 48,1
with KAI2020		73,7 x 55,3
with KAI 2093		88,5 x 49,8
Working Distance	(mm)	227,7 +/- 7
Working F-number		16
Telecentricity	(degree)	< 0,1
Distortion	(%)	< 0,1
Field Depth	(mm)	45,0
CTF @50 lp/mm	(%)	> 30
Image side N.A.		0,0310
Object side N.A.		0,0050
Mount		C or F
Length	(mm)	376,6
External diameter	(mm)	116,0
Weight	(g)	1960

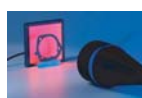
ACCESSORIES AND OPTIONS:



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



Coaxial illumination:
compatible with LTCX64 illuminator.



Back Light illumination:
Compatible with LTBK64 and LTBK80
illuminators.



Clamping Mechanics:
compatible with CMH080.



Direct illumination:
not available.



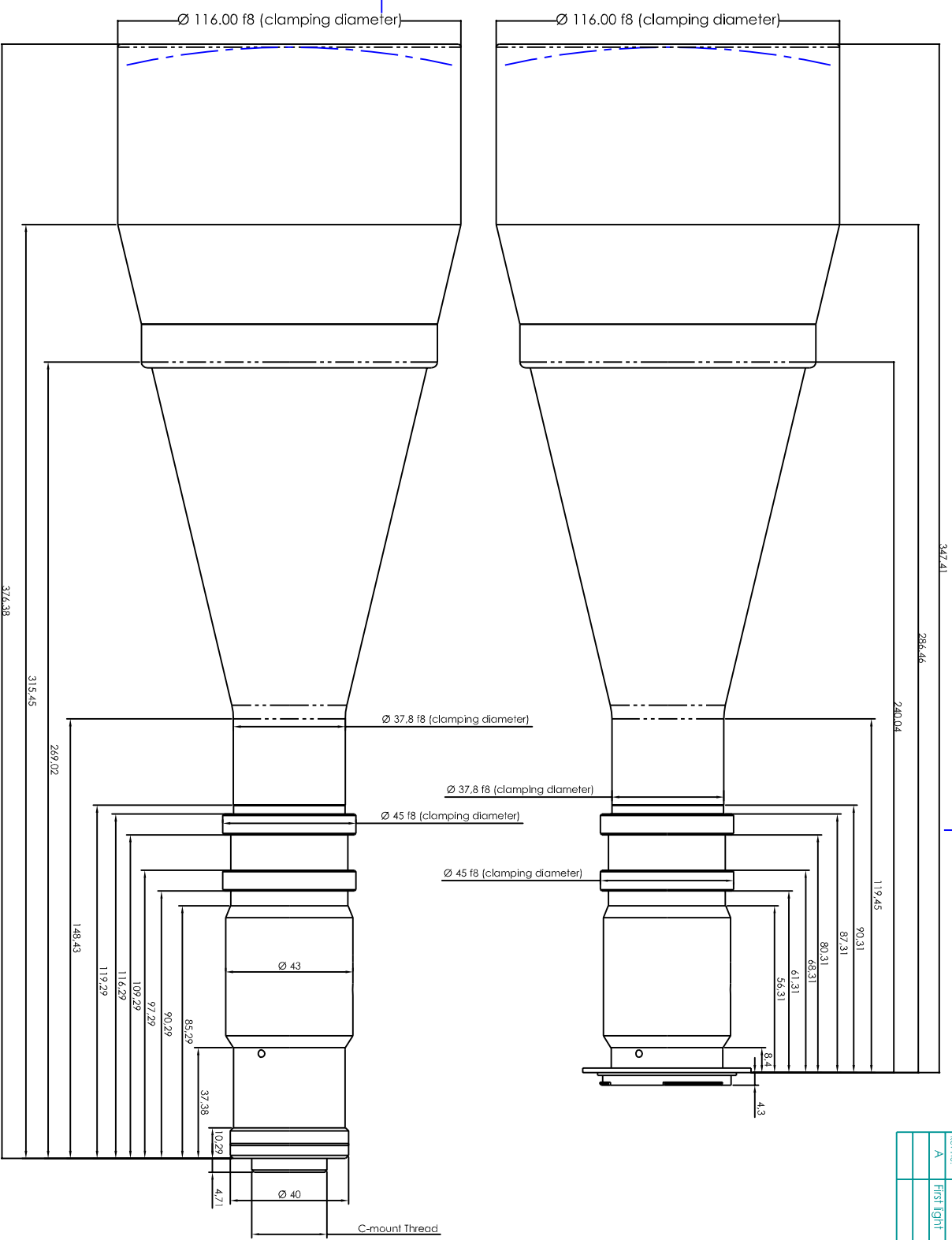
Filters:
filters can be inserted in the rear part
of the lens with the C-mount option.

MECHANICAL DRAWINGS: see next page >>

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)



MAXIMUM	N.A.	Scale	1:1
Surface Treatment	N.A.	Mass	2.0 Kg
Material Reference (ISO 7243)		Project/Requirement/Statement	Telecentric lens TC 2M 80
Material Reference (ISO 7243)		Description	Assembly
Material Reference (ISO 7243)		Designation	18328-0-A-TC2M80
Material Reference (ISO 7243)		Checked	X

Date	By	Name	Description
10/03/06	A.Vismirca	Designed	18328-0-A-TC2M80
10/03/06	A.Vismirca	Drawn	
10/03/06	C.Sedczik	Checked	X

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