

TC 2M 48

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



Part Number	TC 2M 48 (/C /F)	
Magnification		0,268 +/- 3%
Field Of View	(mm)	
with IBIS4-6600		39,2 x 28,9
with KAI2020		44,2 x 33,2
with KAI 2093		53,1 x 29,9
Working Distance	(mm)	134,6 +/- 4
Working F-number		16
Telecentricity	(degree)	< 0,1
Distortion	(%)	< 0,1
Field Depth	(mm)	16,0
CTF @50 lp/mm	(%)	> 30
Image side N.A.		0,0310
Object side N.A.		0,0083
Mount		C or F
Length	(mm)	286,5
External diameter	(mm)	75,0
Weight	(g)	1100

ACCESSORIES AND OPTIONS:



Collimated/Telecentric illumination:
compatible with LTCL48 illuminator;
green light suggested.



Coaxial illumination:
compatible with LTCX36 illuminator.



Back Light illumination:
Compatible with LTBK36 and LTBK48
illuminators.



Clamping Mechanics:
compatible with CMHO48.



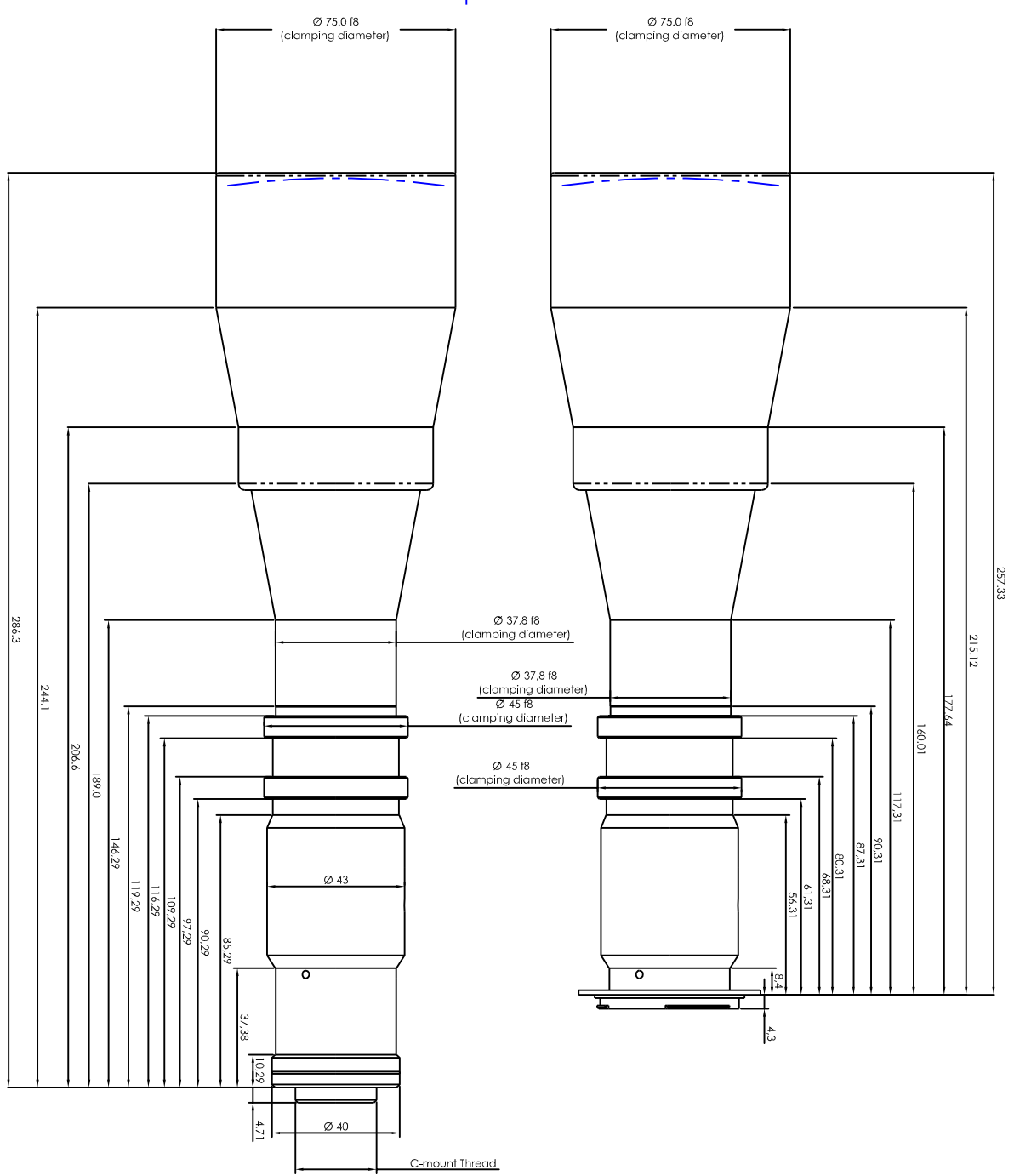
Direct illumination:
compatible with LTRN64 diffusive
anular illuminators.



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

MECHANICAL DRAWINGS: see next page >>

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



TC 2M 48/F (F-mount)

TC 4M 48/C (C-mount)

PROJECTION 1st angle projection First angle projection		SYMBOLS 1:45° R 0.5		MASS 1.15 kg		SCALE 1:1	
DESCRIPTION Telecentric lens TC 2M 48		PROJECT Telecentric lens TC 2M 48		ASSEMBLY Assembly		DRAWING NO. 18325-0-A-TC2M48	
DESIGNED BY A.Vismorici		CHECKED BY C.Sedoczi		DATE 10/03/06		SHEET 1/1	
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