

TC 2M 56

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



Model:		TC 2M 56 /C (/F)
Magnification (X):		0,229 +/- 3%
Object Field (mm):	<i>Cypress IBIS4-6600:</i>	45,9 x 33,8
	<i>Kodak KAI 2020:</i>	51,8 x 38,8
	<i>Kodak KAI 2093:</i>	62,2 x 35,0
Working Distance (mm):		159,3 +/- 5
Working F-number:		16
MTF @50 lp/mm (%):		> 30 (*)
Field Depth (mm):		22,5 @ F/ 16
Telecentricity (degree):		< 0,1
Distortion (%):		< 0,1
Mount:		C (/C) or F (/F)
Length (mm):		310,0
Maximum external diameter (mm):		80,0
Weigh (g):		1350

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

ACCESSORIES AND OPTIONS:



Collimated/Telecentric illumination:
compatible with LTCL56 illuminator;
green light suggested.



Coaxial illumination:
compatible with LTCX64 illuminator.



Back Light illumination:
Compatible with LTBK36 illuminator.



Clamping Mechanics:
compatible with Teleclamp56.

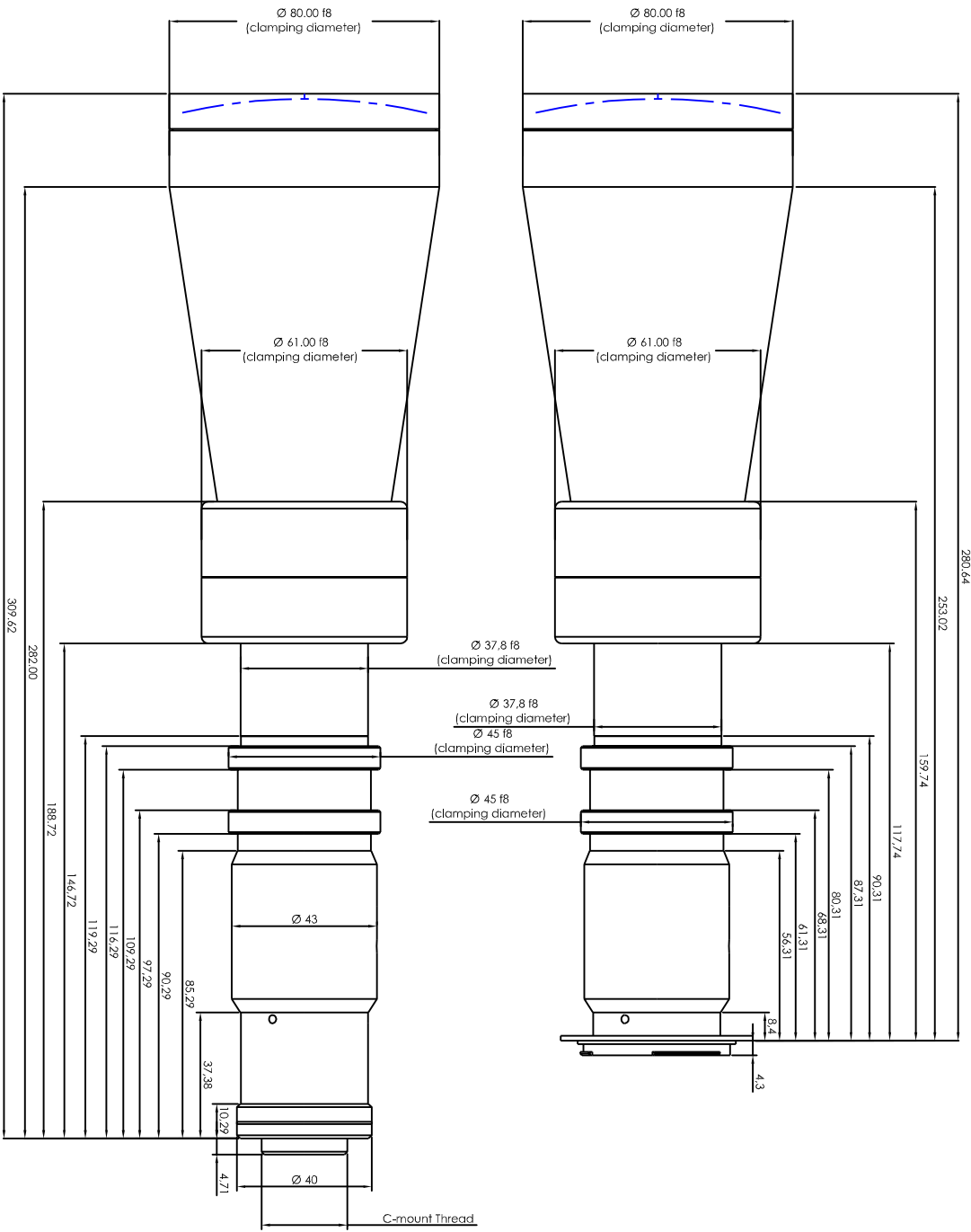


Direct illumination:
compatible with LTRN64 diffusive
anular illuminators.



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	10/03/06	A.Vismorici



TC 2M 56/F (F-mount)

TC 2M 56/C (C-mount)

MAXIMUM Surface treatment: N.A. Mass: 1.35 kg Scale: 1:1	
PROJEKTINFORMATION Project description: Telecentric lens TC 2M 56	
TELECENTRIC LENS TC 2M 56 Description: Assembly	
PROJEKT Design: 10/03/06 Drawn: 10/03/06 Checked: X	NAME Designer: A.Vismorici Drafter: A.Vismorici Checker: C.Sedcziti
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