

TC 4M 56

Bi-Telecentric Lens for Large Detectors up to 1.2" (21.5 mm diagonal)



part number		TC 4M 56 (C/F)
Magnification		0,314 +/- 3%
Field Of View	(mm)	
with KAI-02020		37,7 x 28,3
with KAI-04050		40,8 x 30,6
with KAI-04022/4021		48,2 x 48,2
with KAI-08050		57,6 x 43,3
Working Distance	(mm)	159,3 +/- 5
Working F-number		16
Telecentricity typical (max)	(degree)	< 0,04 (0,10)
Distortion typical (max)	(%)	< 0,05 (0,10)
Field Depth	(mm)	12,0
CTF @50 lp/mm	(%)	> 30
Image side N.A.		0,0310
Object side N.A.		0,0098
Mount		C or F
Length	(mm)	330,0
External diameter	(mm)	80,0
Weight	(g)	1350

Possible vignetting at the image corners with KAI-08050 detectors

ACCESSORIES AND OPTIONS:

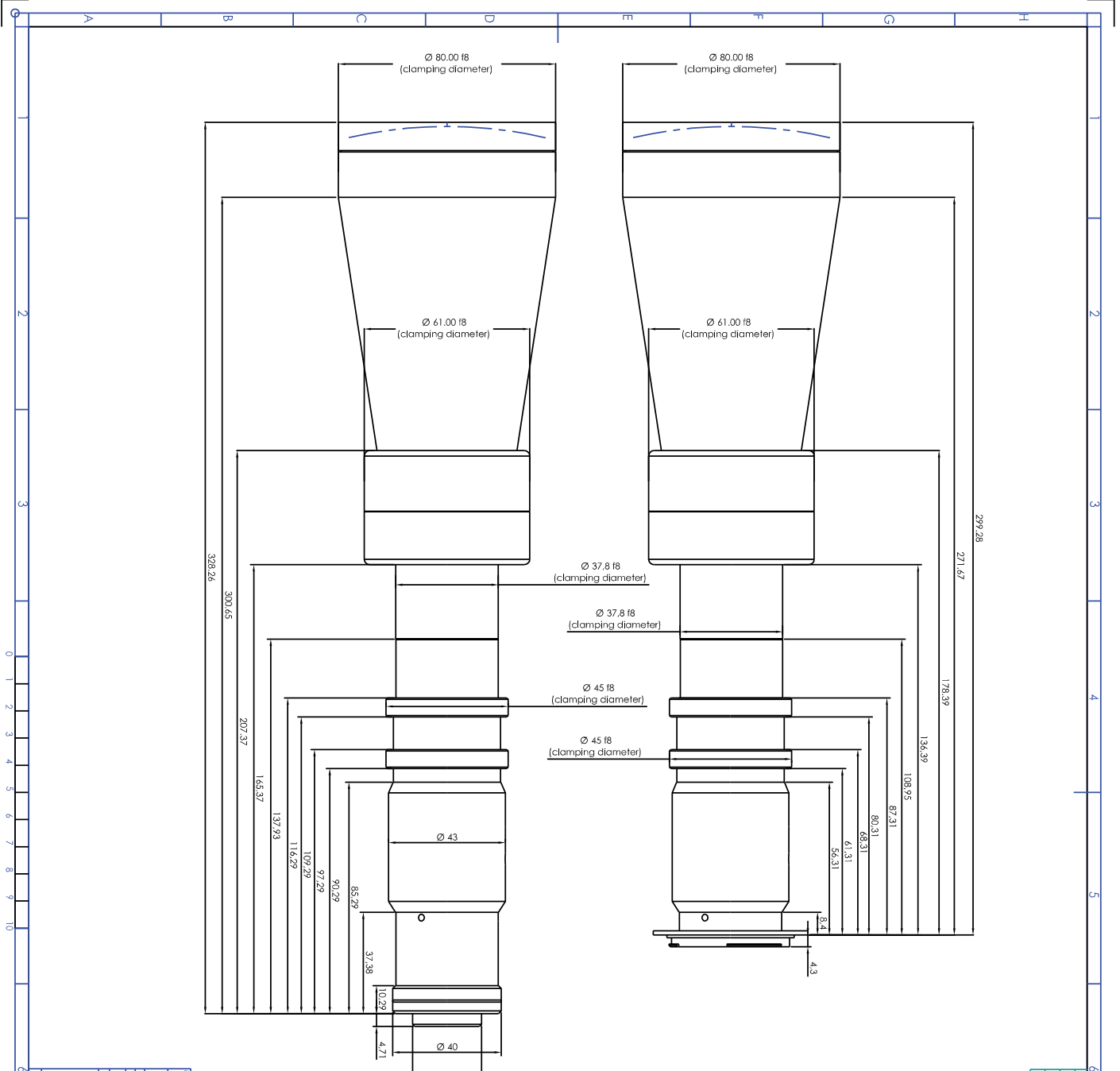


Collimated/Telecentric illumination:
Compatible with LTCL54 illuminator;
green light suggested.



Clamping Mechanics:
Compatible with CMH056.

Mechanical drawings:
see next page >>



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

**TC 4M 56/F
(F-mount)**

**TC 4M 56/C
(C-mount)**

Material		N.A.		N.A.		N.A.		N.A.		N.A.		N.A.	
Surface treatment		N.A.		N.A.		N.A.		N.A.		N.A.		N.A.	
Drawing		10/03/06		A. Virmingo		A. Virmingo		A. Virmingo		A. Virmingo		A. Virmingo	
Checked		X		C. Scodizzi		C. Scodizzi		C. Scodizzi		C. Scodizzi		C. Scodizzi	
Scale		1:1		1:1		1:1		1:1		1:1		1:1	
Weight		1.35 kg		1.35 kg		1.35 kg		1.35 kg		1.35 kg		1.35 kg	
Description		Assembly		18308-0-A-TC4M56		18308-0-A-TC4M56		18308-0-A-TC4M56		18308-0-A-TC4M56		18308-0-A-TC4M56	

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