

TCL 080

BI-TELECENTRIC LENS FOR 4KPIX LINEAR DETECTORS



Model:	TCL 080
Magnification (X):	0,359 +/- 3%
Object Field (mm):	4k x 7 μ m (28,7 mm): 80,0 2k x 10 μ m (20,5 mm): 57,1 2k x 7 μ m (14,3 mm): 39,9 1k x 10 μ m (10,2 mm): 28,4
Working Distance (mm):	243,0 +/- 7
Working F-number:	9
MTF @70 lp/mm (%):	>30
Field Depth (mm):	7,0 @ F/ 9
Image side N.A.:	0,055
Object side N.A.:	0,020
Telecentricity (degree):	<0,1
Distortion (%):	<0,10
Mount:	F
Length (mm):	419
Maximum external diameter (mm):	116
Weigh (g):	3150

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:
not available

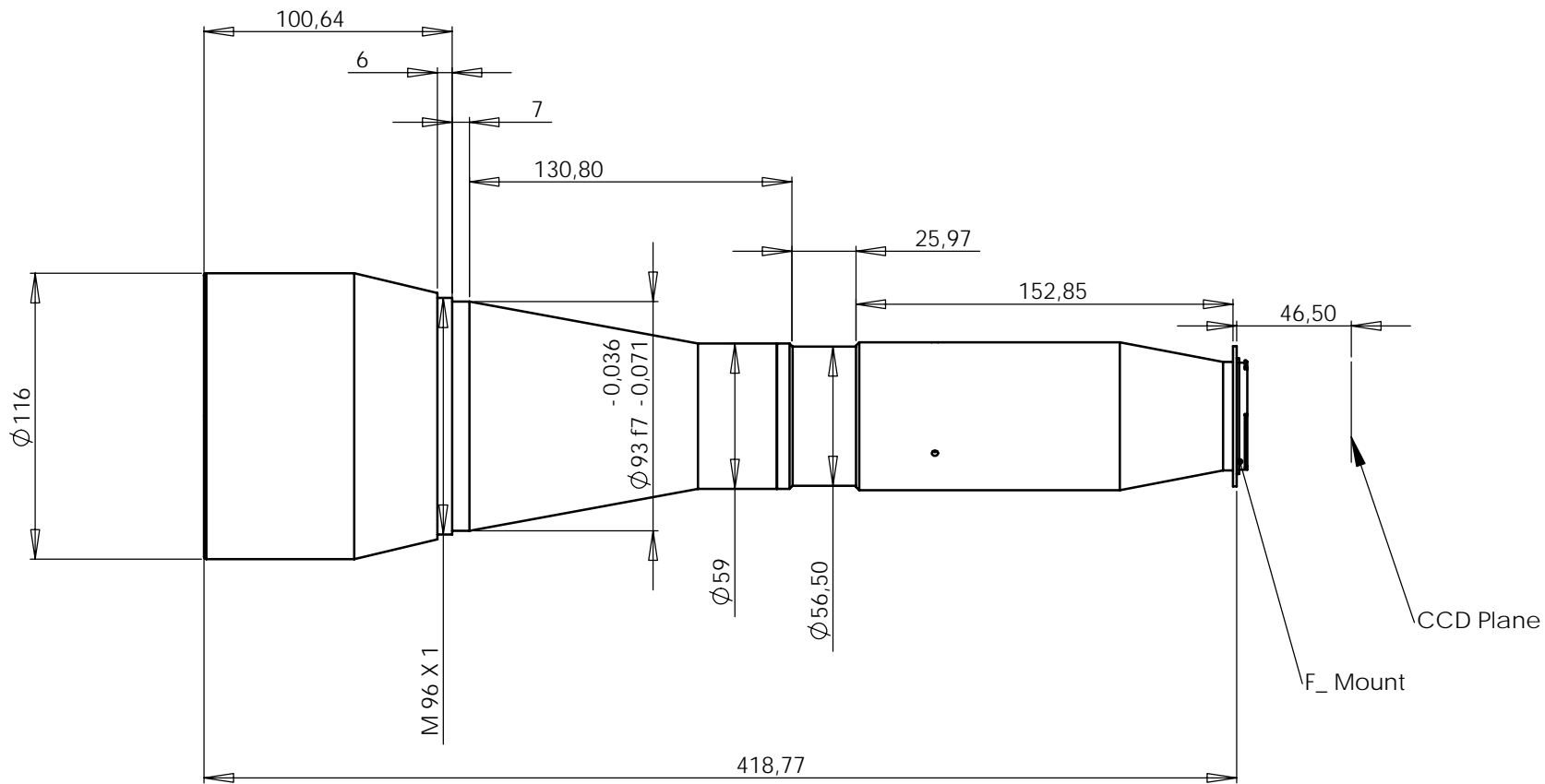


Direct illumination:
compatible with LTRN64 diffusive
anular illuminators.



Filters:
not available.

Rev No.	Description	Date	Name
A	Layout Dimensionale	07/08/06	A. Bnà
B	Con Passo F	05/07/07	A. Bnà



W.D. - See the data sheet

Material	N.A.		Surface treatment	N.A.		Mass	Scale	1:2
Geometrical tolerance (ISO 2768-2)						Project-Prod.Item/Instrument		
Linear tolerance (ISO 2768-2)						TCL080		
Class						Description		
K						Layout Dimensionale		
m						R 0.5		
Undimensioned bevels						1x45°		
Undimensioned radii						R 0.5		
Date						Name		
Designed						A. Bnà		
Draw						A. Bnà		
Checked						C. Sedazzari		
Date						Sheet		
11/3						1/1		
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