

TCL 060

BI-TELECENTRIC LENS FOR 4KPIX LINEAR DETECTORS



Part Number	TCL 060	
Magnification		0,478 +/- 3%
Field Of View	(mm)	
with 4k x 7 μ m detector		60,0
with 2k x 14 μ m detector		60,0
with 2k x 10 μ m detector		42,9
with 2k x 7 μ m detector		29,9
with 1k x 10 μ m detector		21,3
Working Distance	(mm)	230,0 +/- 7
Working F-number		9
Telecentricity	(%)	<0,08
Distortion	(mm)	<0,08
Field Depth		4,0
CTF @70 lp/mm		>30
Image side N.A.	(degree)	0,0550
Object side N.A.	(%)	0,0260
Mount		F
Length	(mm)	425,7
External diameter	(mm)	107,0
Weight	(g)	2500

ACCESSORIES AND OPTIONS:



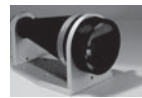
Collimated/Telecentric illumination:
compatible with LTCL64 illuminator;
green light suggested.



Coaxial illumination:
compatible with LTCX64 illuminator.



Back Light illumination:
compatible with LTBK64 illuminator.



Clamping Mechanics:
not available

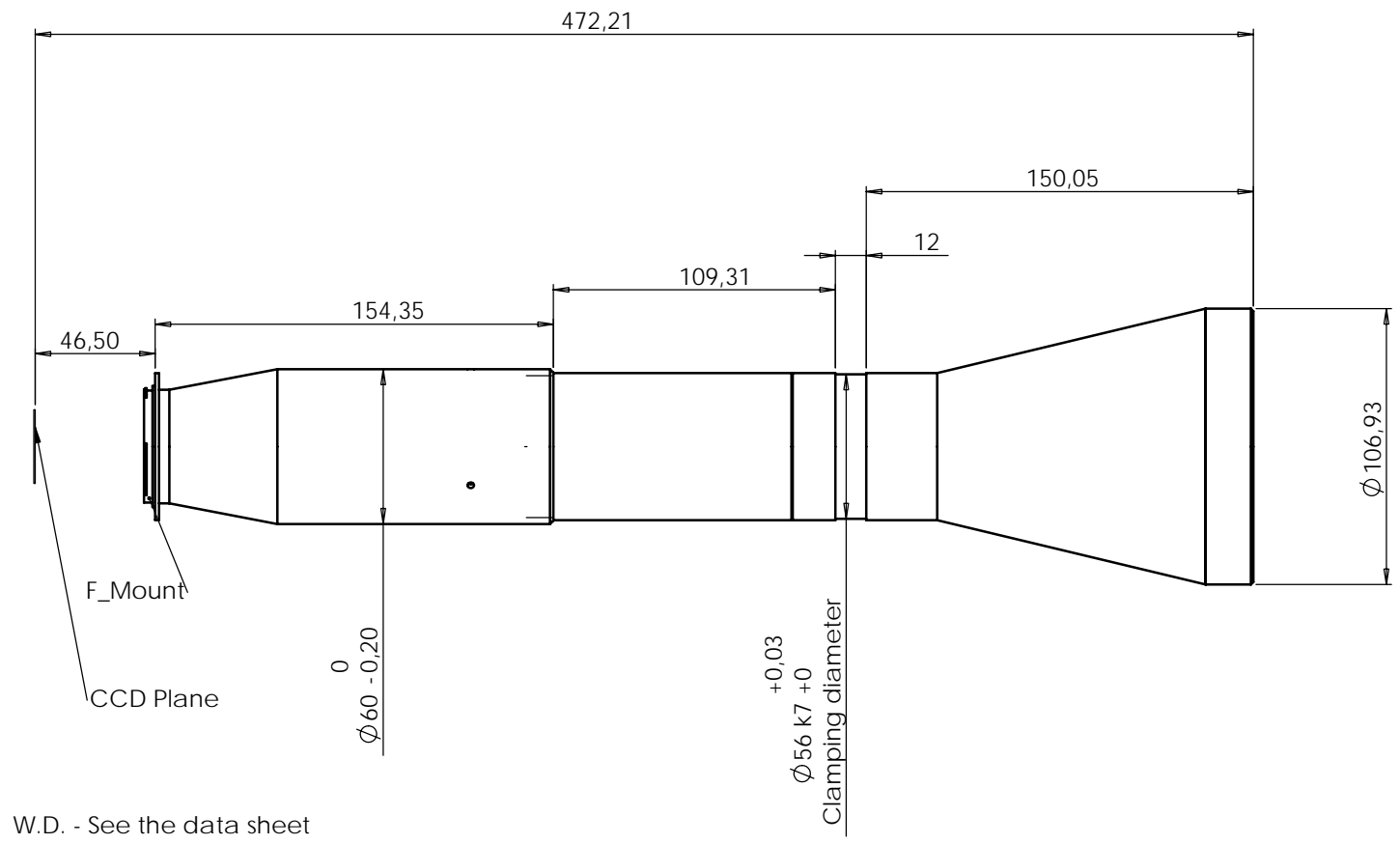


Direct illumination:
compatible with LTRN64 diffusive
anular illuminators.



Filters:
not available.

Rev No.	Description	Date	Name
E	Layout	05/07/07	A. Bnà



Material	N.A.		Mass	Scale 1:2							
Surface treatment	N.A.		Project-Prod.Item/Instrument	TCL 060							
Geometrical tolerance (ISO 2768-2)		Class	K	Description Layout							
Linear tolerance (ISO 2768-2)		Class	m								
0.5 ±3	>3- 6	>6- 30	>30- 120	>120 ±400	>400- 1000	>1000 ±2000	>2000 ±4000	Undimensioned bevels	1x45°	Drawing No. 11033-0-E-TCL060	Sheet 1/1
±0.1	±0.1	±0.2	±0.3	±0.5	±0.8	±1.2	±2	Undimensioned radii	R 0.5		
		Date		Name		Drawing No.		Sheet			
Designed		05/07/07		A. Bnà		11033-0-E-TCL060		1/1			
Draw		05/07/07		A. Bnà							
Checked		X		C. Sedazzari							
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