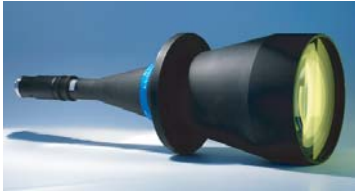


TC 2M 144

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



Model:		TC 2M 144 /C (/F)
Magnification (X):		0,089 +/- 3%
Object Field (mm):	<i>Cypress IBIS4-6600:</i>	118,1 x 86,9
	<i>Kodak KAI 2020:</i>	133,1 x 99,8
	<i>Kodak KAI 2093:</i>	159,7 x 89,9
Working Distance (mm):		398,0 +/- 12
Working F-number:		16
MTF @50 lp/mm (%):		> 30 (*)
Field Depth (mm):		130,0 @ F/ 16
Telecentricity (degree):		< 0,1
Distortion (%):		< 0,1
Mount:		C (/C) or F (/F)
Length (mm):		567,1
Maximum external diameter (mm):		200,0
Weigh (g):		6900

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

ACCESSORIES AND OPTIONS:



Collimated/Telecentric illumination:
compatible with LTCL144 illuminator;
green light suggested.



Coaxial illumination:
not available.



Back Light illumination:
Compatible with LTBK96 illuminator.



Clamping Mechanics:
use the built-in holed flange to mount
the lens.



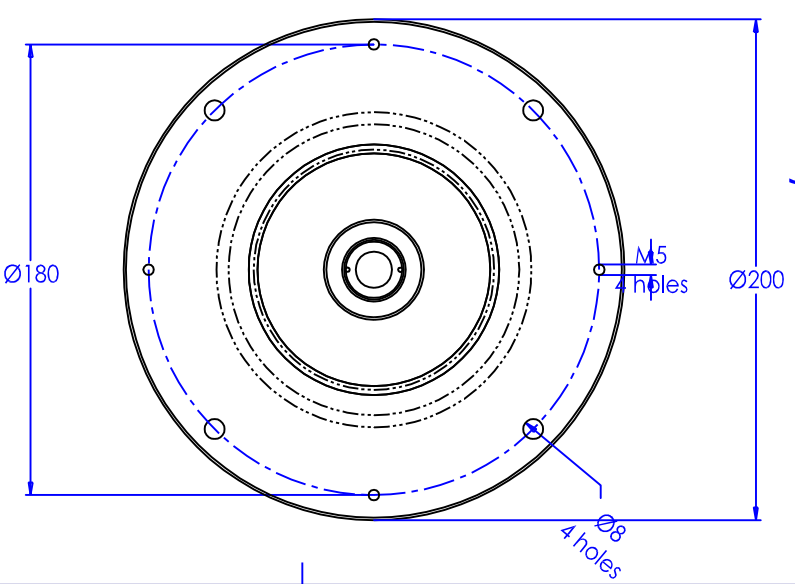
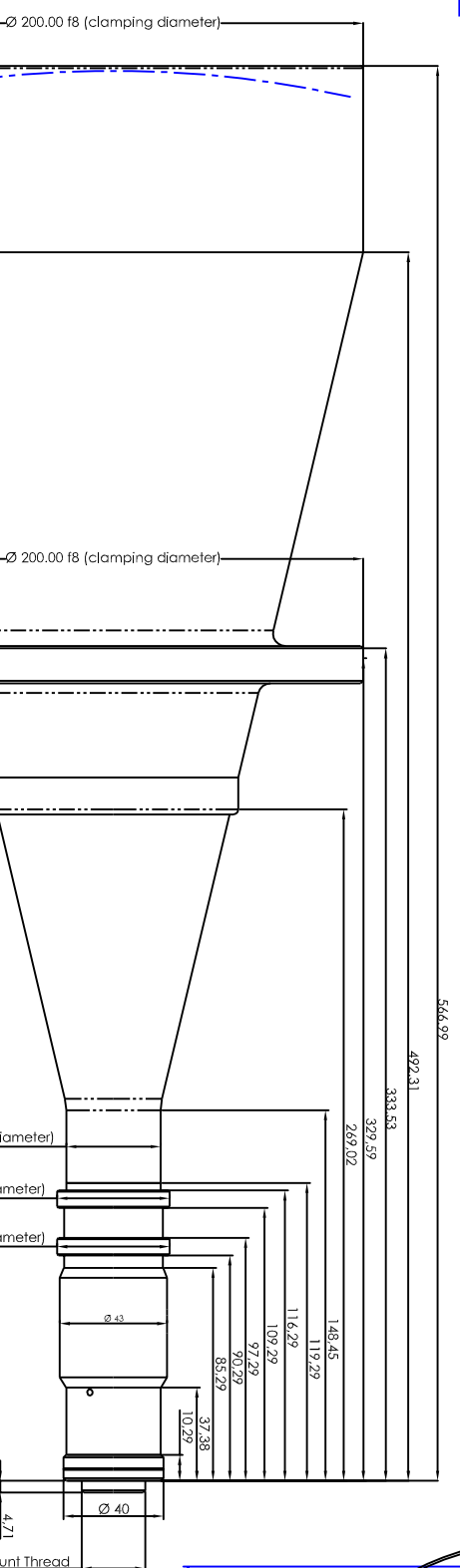
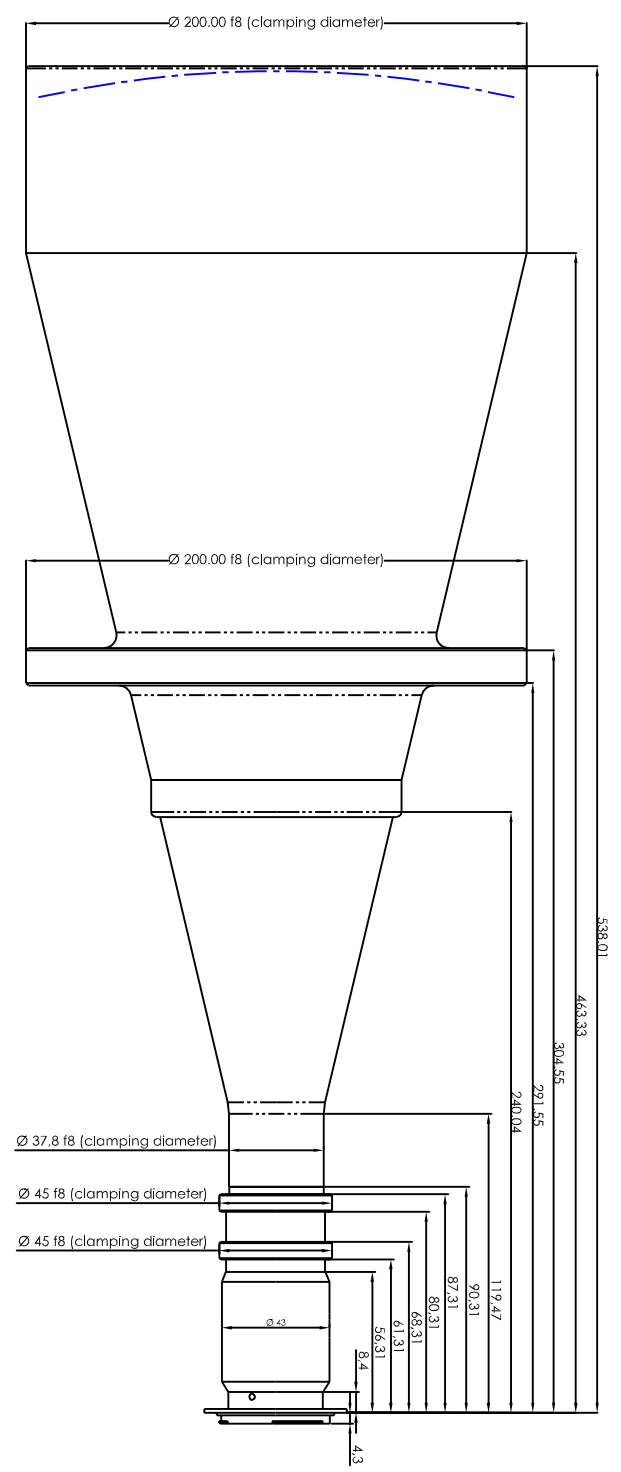
Direct illumination:
not available.



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.Vismirca

TC 2M 144/F (F-mount)



TC 2M 144/C (C-mount)

Material	N.A.	Mass	5,7 Kg	Scale	1:1
Surface treatment	N.A.	Project/Component/Instrument			
General reference (ISO 7243)		Telecentric lens TC 2M 144			
Material reference (ISO 7243)	Material	Quantity	Unit	Unit dimensioned	Description
+3	30	120	+2000	+400	Assemblies
+4	50	120	+2000	+400	Assemblies
+5	100	120	+2000	+400	Assemblies
+6	150	120	+2000	+400	Assemblies
+7	200	120	+2000	+400	Assemblies
+8	250	120	+2000	+400	Assemblies
+9	300	120	+2000	+400	Assemblies
+10	350	120	+2000	+400	Assemblies
+11	400	120	+2000	+400	Assemblies
+12	450	120	+2000	+400	Assemblies
+13	500	120	+2000	+400	Assemblies
+14	550	120	+2000	+400	Assemblies
+15	600	120	+2000	+400	Assemblies
+16	650	120	+2000	+400	Assemblies
+17	700	120	+2000	+400	Assemblies
+18	750	120	+2000	+400	Assemblies
+19	800	120	+2000	+400	Assemblies
+20	850	120	+2000	+400	Assemblies
+21	900	120	+2000	+400	Assemblies
+22	950	120	+2000	+400	Assemblies
+23	1000	120	+2000	+400	Assemblies
+24	1050	120	+2000	+400	Assemblies
+25	1100	120	+2000	+400	Assemblies
+26	1150	120	+2000	+400	Assemblies
+27	1200	120	+2000	+400	Assemblies
+28	1250	120	+2000	+400	Assemblies
+29	1300	120	+2000	+400	Assemblies
+30	1350	120	+2000	+400	Assemblies
+31	1400	120	+2000	+400	Assemblies
+32	1450	120	+2000	+400	Assemblies
+33	1500	120	+2000	+400	Assemblies
+34	1550	120	+2000	+400	Assemblies
+35	1600	120	+2000	+400	Assemblies
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+38	1750	120	+2000	+400	Assemblies
+39	1800	120	+2000	+400	Assemblies
+40	1850	120	+2000	+400	Assemblies
+41	1900	120	+2000	+400	Assemblies
+42	1950	120	+2000	+400	Assemblies
+43	2000	120	+2000	+400	Assemblies
+44	2050	120	+2000	+400	Assemblies
+45	2100	120	+2000	+400	Assemblies
+46	2150	120	+2000	+400	Assemblies
+47	2200	120	+2000	+400	Assemblies
+48	2250	120	+2000	+400	Assemblies
+49	2300	120	+2000	+400	Assemblies
+50	2350	120	+2000	+400	Assemblies
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+52	2450	120	+2000	+400	Assemblies
+53	2500	120	+2000	+400	Assemblies
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+57	2700	120	+2000	+400	Assemblies
+58	2750	120	+2000	+400	Assemblies
+59	2800	120	+2000	+400	Assemblies
+60	2850	120	+2000	+400	Assemblies
+61	2900	120	+2000	+400	Assemblies
+62	2950	120	+2000	+400	Assemblies
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+65	3100	120	+2000	+400	Assemblies
+66	3150	120	+2000	+400	Assemblies
+67	3200	120	+2000	+400	Assemblies
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