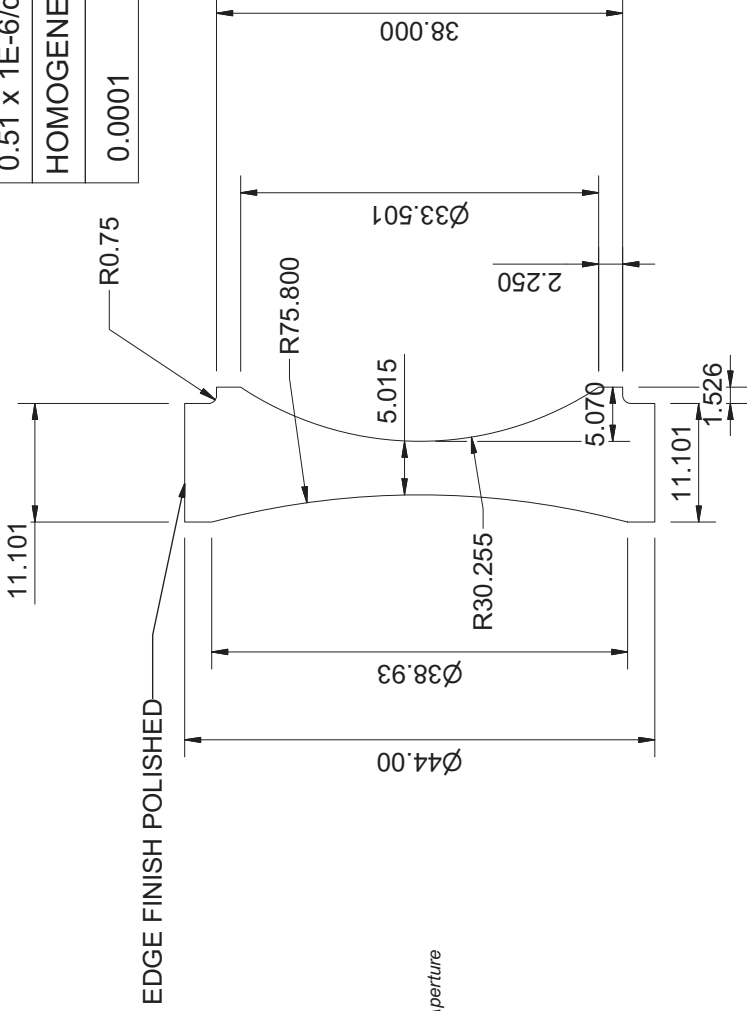


1	2	3	4	5	6	7	8
RADIUS	RAD TOL	IRR TOL	C.A. DIA	EDGE DIA.	MATERIAL	THICK (on axis)	THICK TOL
Surface 1	75.8000 CC	2 Fringes	37.00	44.0000	Fused Silica	5.015	0.0500
Surface 2	30.2550 CC	2 Fringes	31.60				

INDEX OF REFRACTION @587nm							
1.45846							
ABBE-NUMBER (+/-0.8%)							
67.8214							
THERMAL COEFFICIENT of EXP.							
0.51 x 1E-6/degC							
HOMOGENEITY:							
0.0001							

1. Dimensions in millimetres unless otherwise stated..
2. Pitch Polish to Test Plate within Power and Irregularity indicated. Units Fringes at 633nm.
3. Bevel edges at 45 deg. to 0.5 mm.
4. Scratch & dig 40-20.
5. Wedge angle equivalent to a run out of 10 microns over the lens clear aperture
6. Lens edges to be finished fine grey unless otherwise stated.



Entrance Aperture LIGHT PATH DIRECTION Exit Aperture

Single layer MgF2 coating centred at 550nm
 UV-VIS-NIR broadband AR coating
 On-axis:R (average) < 1.5% between 340nm – 1000nm
 5 degree off axis: R (average) < 2.0 % between 340nm – 1000nm

2.1	TIBOR	KMDee	20080814
2.0	TIBOR	KMDee	20080717
1.0	TIBOR	KMDee	20080121
REVISION	DESIGNED by	CHECKED by	DATE of REVISION



DRAWING CREATED		27/01/2008	
Drawn by		KMDee	
ACam Optical Lens 7			
Part Number		Acam Optical Lens 7	
		A3	

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