

NOTES:

1. SUBSTRATE: (GRADE A FINE ANNEALED)

OHARA: L-BAL35 589/612

2. DEVIATION: ±3 ARCMIN

3. COATING

S1: 1/4 WAVE MgF2 @ 550nm

S2: BBAR MULTILAYER FOR R(ave) < 0.4% FROM 425 - 675nm

4. EDGES: FINE GROUND

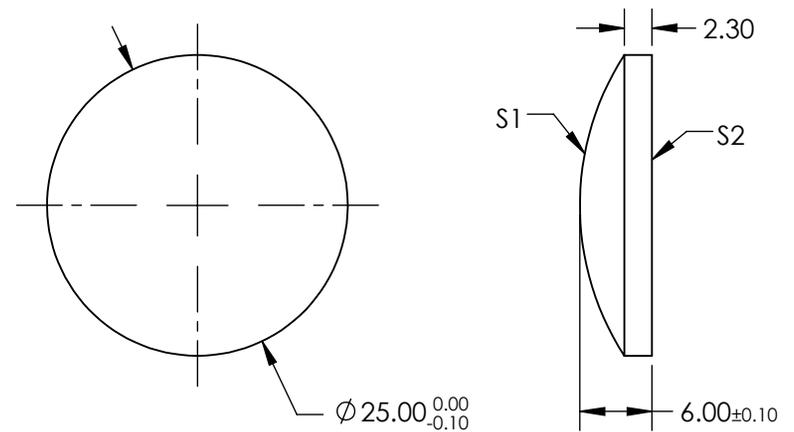
5. ASPHERIC SURFACE DESCRIBED BY:

$$Z(Y) = \frac{CY^2}{1 + \sqrt{1 - (1+k)C^2Y^2}} + D*Y^2 + E*Y^4 + F*Y^6 + G*Y^8 + H*Y^{10}$$

R1:

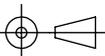
C=	0.0452653	D=	0
k=	-2.271309	E=	1.954456E-5
		F=	-1.756349E-8
		G=	2.597437E-11
		H=	-2.414068E-14

6. SURFACE SAG DEVIATION FROM IDEAL ASPHEREIC PROFILE FOR BOTH S1 & S2 SHALL NOT EXCEED 0.75 MICRONS RMS.



**FOR INFORMATION ONLY:  
DO NOT MANUFACTURE  
PARTS TO THIS DRAWING**

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE DIMENSIONS ARE FOR REFERENCE ONLY

REV. A	S1	S2	EFL [@ 587.6nm]	37.50	 <b>Edmund Optics®</b>		
SHAPE	CONVEX	PLANO	BFL [@ 587.6nm]	33.72			
RADIUS	22.092	∞	THIRD ANGLE PROJECTION		TITLE	ASPHERE: 25 DIA. x 37.5 EFL VIS CTD	
SURFACE QUALITY	60 - 40	60 - 40	ALL DIMS IN	mm	DWG NO	49104	SHEET 1 OF 1
CLEAR APERTURE	Ø22.50	Ø24.00					
BEVEL MAX	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED					