

1. SUBSTRATE: FUSED SILICA

- S1: R(avg)  $\leq 1.5\%$  @ 425 - 675nm  
S2: R(avg)  $\leq 1.5\%$  @ 425 - 675nm

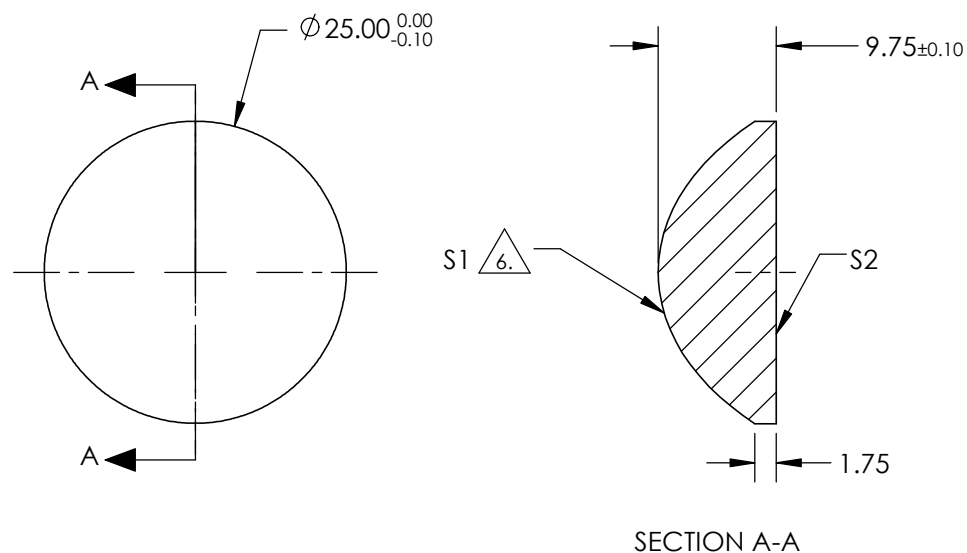
- ### 3. EDGES: FINE GROUND


4. CENTERING: <3-5 ARCMIN

5. ASPHERE FIGURE ERROR: 0.75 $\mu$ m RMS



6. ASPHERIC SURFACE DESCRIBED BY (REF. COEFFICIENT TABLE)

$$Z_{ASPH}(Y) = \frac{(1/RADIUS)^*Y^2}{1 + \sqrt{1 - (1+k)^*(1/RADIUS)^2*Y^2}} + D*Y^2 + E*Y^4 + F*Y^6 + G*Y^8 + H*Y^{10} + J*Y^{12} + L*Y^{14}$$



COEFFICIENT TABLE 	
COEFFICIENT	S1
K	-1.661222
D	0
E	9.1674215E-5
F	-7.166362E-8
G	3.5564738E-10
H	-1.0410485E-13
J	0
L	0

**SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE DIMENSIONS ARE FOR REFERENCE ONLY**

REV. A	S1	S2	EFL @ 587.6nm	25	 Edmund Optics®		
SHAPE	CONVEX	PLANO	BFL @ 587.6nm	18.315			
RADIUS	11.462	INFINITY			TITLE	25mm DIA 0.50 NA VIS COATED, UV FUSED SILICA ASPHERIC LENS	
SURFACE QUALITY	60-40	60-40					
CLEAR APERTURE	90%	90%					
BEVEL MAX	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED	ALL DIMS IN	mm	DWG NO	49589	SHEET 1 OF 1