

1. SUBSTRATE: FUSED SILICA

- S1: R(avg) <2.5% @ 250 - 700nm
S2: R(avg) <2.5% @ 250 - 700nm

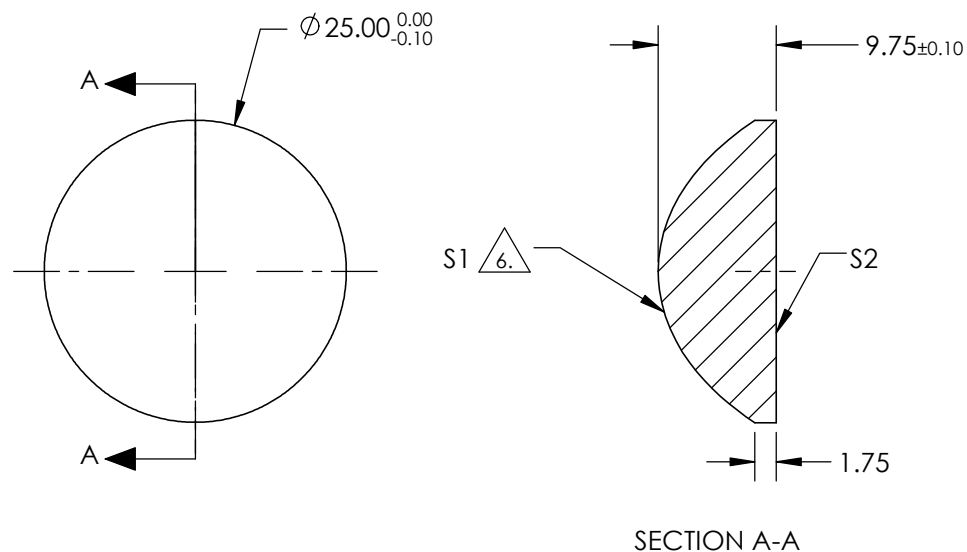
- ### 3. EDGES: FINE GROUND

4. CENTERING: <3-5 ARCMIN

5. ASPHERE FIGURE ERROR: 0.75 μ m RMS

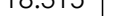
6. ASPHERIC SURFACE DESCRIBED BY (REF. COEFFICIENT TABLE)

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



COEFFIECIENT TABLE 	
COEFFIECIENT	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 UV-VIS COATED, UV FUSED SILICA ASPHERIC LENS	
SURFACE QUALITY	60-40	60-40					
CLEAR APERTURE	90%	90%			DWG NO	84338	
BEVEL MAX	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED					
			ALL DIMS IN	mm	SHEET 1 OF 1		

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