

NOTES:

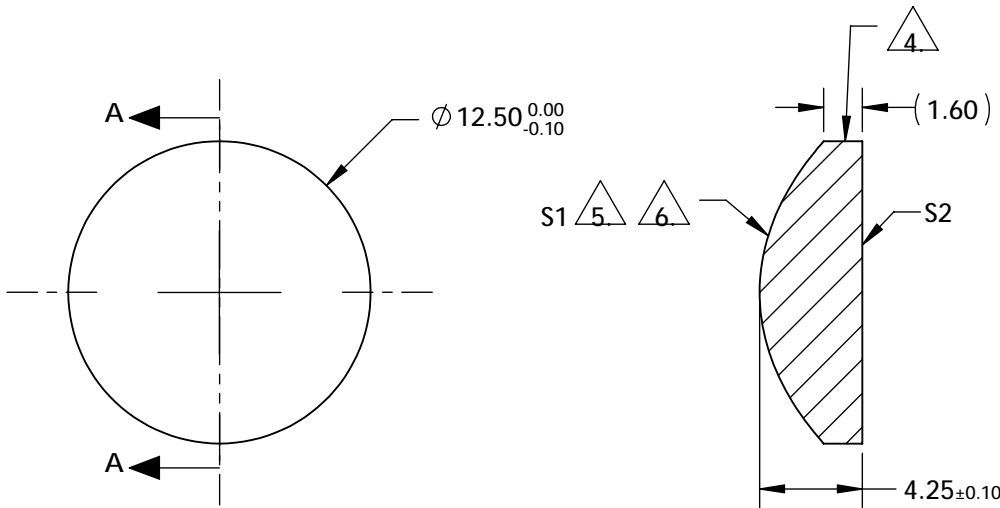
1. SUBSTRATE:  
S-LAH64
2. CENTERING TOLERANCE (AT 587.6nm):  
BEAM DEVIATION (HALF ANGLE): <3 arcmin
3. COATING (APPLY ACROSS COATING APERTURE)  
S1: VIS (350-700nm)  
Ravg < 0.5% @ 350 - 700nm @ ±30° AOI  
Rabs < 1.5% @ 350 - 700nm @ ±30° AOI  
S2: VIS (350-700nm)  
Ravg < 0.5% @ 350 - 700nm @ ±30° AOI  
Rabs < 1.5% @ 350 - 700nm @ ±30° AOI

4. EDGES: FINE GROUND

5. ASPHERIC FIGURE ERROR: 0.75 μm RMS

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

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



SECTION A-A

COEFFICIENT TABLE 6.

COEFFICIENT	S1
SEMI-DIAMETER	6.250000E+00
(1/RADIUS)	1.28700129E-01
k	-1.003000E+00
D	0.000000E+00
E	9.926000E-05
F	-6.994000E-08
G	-2.372000E-09
H	-1.272000E-11
J	1.263000E-13
L	0.000000E+00

	S1	S2	 Edmund Optics®			
SHAPE	CONVEX	PLANO	BFL @ 780nm: 7.61			
RADIUS	7.770	INFINITY				
SURFACE QUALITY	40-20	40-20				
CLEAR APERTURE	11.25 mm	11.25 mm	TITLE			
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED	12.5mm Dia., 0.63 NA, 350-700nm Coated, NIR Aspheric Lens			
ALL DIMS IN			mm	DWG NO	16267	SHEET 1 OF 1