

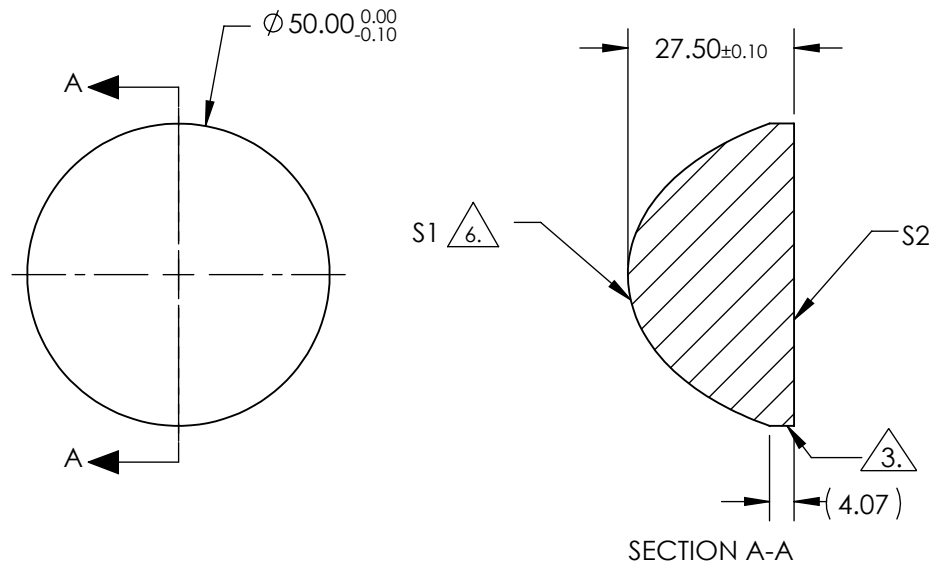
NOTES:

1. SUBSTRATE: FUSED SILICA
2. COATING (APPLY ACROSS CLEAR APERTURE)
BBAR (425-675nm)
S1: R (AVG) ≤ 1.5% @ 550nm
S2: R (AVG) ≤ 0.4% FROM 425 - 675nm
3. EDGES: FINE GROUND
4. CENTERING: ≤5 ARCMIN
5. ASPHERE FIGURE ERROR: 0.75μm RMS

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


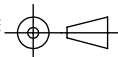
$$Z_{ASPH}(Y) = \frac{(\frac{1}{RADIUS}) * Y^2}{1 + \sqrt{1 - (1+k) * (\frac{1}{RADIUS})^2 * Y^2}} + D * Y^2 + E * Y^4 + F * Y^6 + G * Y^8 + H * Y^{10} + J * Y^{12} + L * Y^{14}$$

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



COEFFICIENT TABLE 7	
COEFFICIENT	S1
k	-1.099272E+00
D	0.000000E+00
E	1.094492E-05
F	9.288686E-09
G	-5.645807E-12
H	1.501010E-14
J	0.000000E+00
L	0.000000E+00

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2	EFL @ 587.6nm	40.00	 Edmund Optics®	
SHAPE	CONVEX	PLANO	BFL @ 587.6nm	21.15		
RADIUS	18.339	INFINITY			TITLE	50mm DIA 0.63 NA VIS COATED, UV FUSED SILICA ASPHERIC LENS
SURFACE QUALITY	60-40	60-40			DWG NO	67276
CLEAR APERTURE	90%	90%	ALL DIMS IN mm		SHEET 1 OF 1	
BEVEL MAX	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED				