

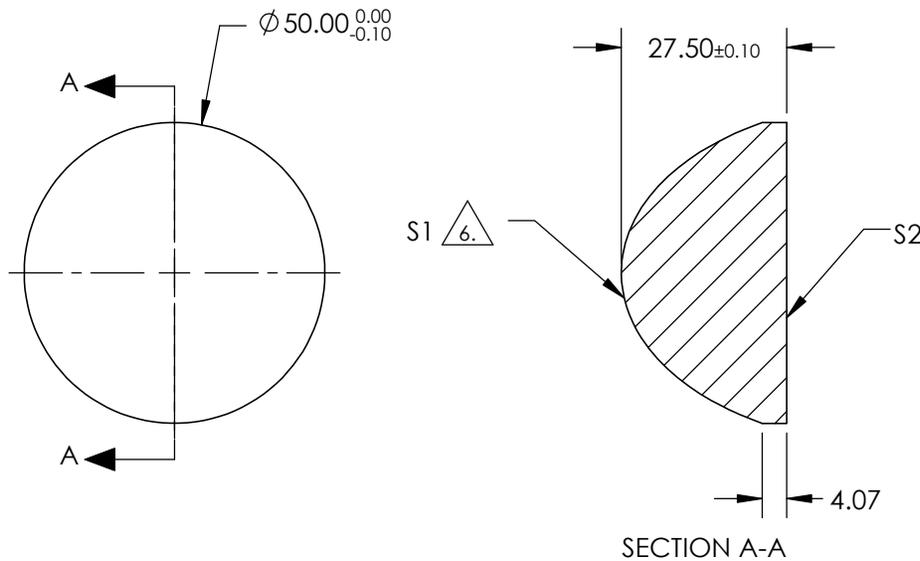
NOTES:

1. SUBSTRATE: FUSED SILICA
2. COATING (APPLY ACROSS CLEAR APERTURE)
 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: 0.75µm RMS

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

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

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



COEFFICIENT TABLE	
COEFFICIENT	S1
k	-0.632906
D	0
E	0.00012823215
F	1.5211816e-006
G	3.3940061e-008
H	0
J	0
L	0

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE DIMENSIONS ARE FOR REFERENCE ONLY

REV. A	S1	S2	EFL @ 587.6nm	40	Edmund Optics®
SHAPE	CONVEX	PLANO	BFL @ 587.6nm	21.15	
RADIUS	4.585	INFINITY			TITLE 50mm DIA 0.63 NA UV-VIS COATED, UV FUSED SILICA ASPHERIC LENS
SURFACE QUALITY	60-40	60-40			
CLEAR APERTURE	90%	90%	ALL DIMS IN	mm	DWG NO 84340
BEVEL MAX	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED			SHEET 1 OF 1