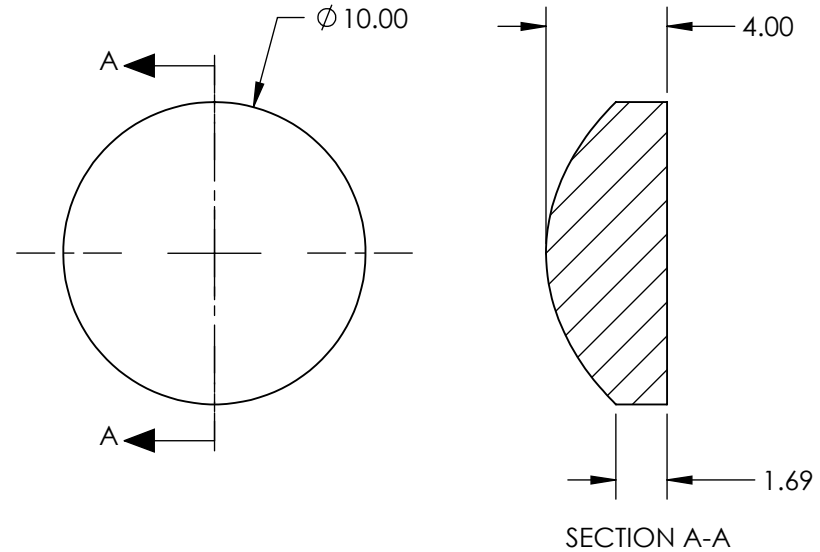


NOTES:

- SUBSTRATE: L-BAL35
- COATING (APPLY ACROSS CLEAR APERTURE)  
S1: R(avg) ≤1.5% @ 425 - 675nm  
S2: R(avg) ≤1.5% @ 425 - 675nm
- EDGES: FINE GROUND
- CENTERING: 3-5 ARCMIN
- ASPHERE FIGURE ERROR: 0.75 μm RMS

△ 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 △6.

COEFFICIENT	S1
SEMI-DIAMETER	5.000000E+00
(1/RADIUS)	1.697505E-01
k	-1.062472E+00
D	0.000000E+00
E	3.101282E-04
F	1.265069E-06
G	-1.767675E-08
H	0.000000E+00
J	0.000000E+00
L	0.000000E+00

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

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2	EFL @ 587.6μm	10			
SHAPE	CONVEX	PLANO	BFL @ 587.6μm				
RADIUS	5.891	INFINITY			TITLE	10mm DIA, 0.50 NUMERICAL APERTURE VIS COATED, ASPHERIC LENS	
SURFACE QUALITY	60-40	60-40					
CLEAR APERTURE	90%	90%	ALL DIMS IN mm		DWG NO	69857	
BEVEL MAX	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED					
							SHEET 1 OF 1