

NOTES:

1. SUBSTRATE: L-BAL35

2. COATING

S1: NONE
S2: NONE

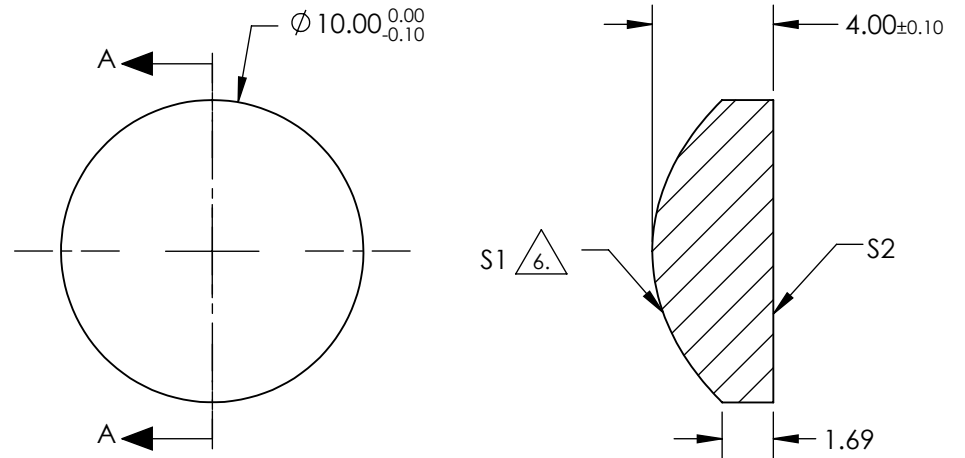
3. EDGES: FINE GROUND

4. CENTERING: 3-5 ARCMIN

5. ASPHERE FIGURE ERROR: 0.75 μm RMS

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

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

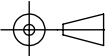


SECTION A-A

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

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE DIMENSIONS ARE FOR REFERENCE ONLY

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-09
H	0.000000E+00
J	0.000000E+00
L	0.000000E+00

REV. A	S1	S2	EFL @587.6 : 10		 Edmund Optics®		
SHAPE	CONVEX	CONVEX	BFL @587.6 : 7.48				
RADIUS	5.891	INFINITY	THIRD ANGLE PROJECTION 		TITLE	10mm DIA, 0.50 NUMERICAL APERTURE UNCOATED, ASPHERIC LENS	
SURFACE QUALITY	60-40	60-40					
CLEAR APERTURE	90%	90%	ALL DIMS IN mm		DWG NO	69853	SHEET 1 OF 1
BEVEL MAX	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED					