NOTES:

1. SUBSTRATE: L-BAL35

2. COATING

   S1: NONE
   S2: NONE

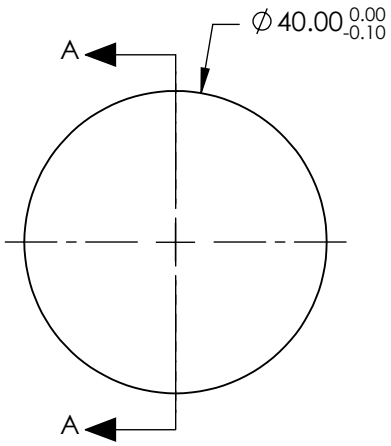
3. EDGES: FINE GROuND

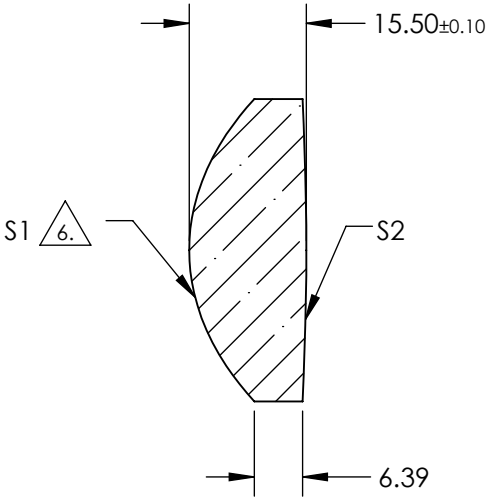
4. CENTERING: 3-5 ARCMIN

5. ASPHERE FIGURE ERROR: 0.75 µm RMS

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

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





SECTION A-A

COEFFIECIENT TABLE 6.	
COEFFIECIENT	S1
SEMI-DIAMETER	20.000000E+00
(1/RADIUS)	4.051737E-02
k	-6.222380E-01
D	0.000000E+00
E	0.000000E+00
F	-4.217337E-10
G	-1.489279E-12
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

REV. A	S1	S2
SHAPE	CONVEX	CONVEX
RADIUS	24.681	400.00
SURFACE QUALITY	60-40	60-40
CLEAR APERTURE	90%	90%
BEVEL MAX	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

EFL @587.6 : 40		Edmund Optics®	
BFL @587.6 : 30.68			
THIRD ANGLE PROJECTION		TITLE	40mm DIA., 0.50 NUMERICAL APERTURE UNCOATED, ASPHERIC LENS
ALL DIMS IN	mm	DWG NO	66314
			SHEET 1 OF 1