

NOTES:

1. SUBSTRATE: L-BAL35

2. COATING

S1: NONE
S2: NONE

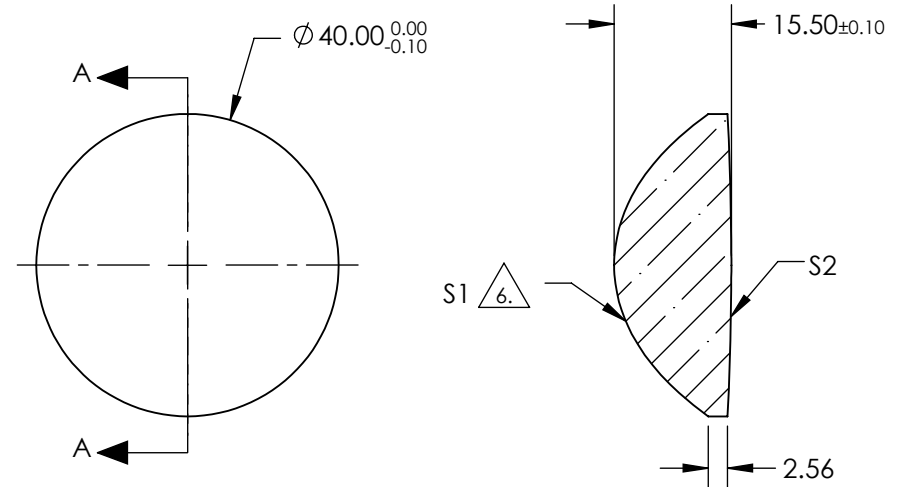
3. EDGES: FINE GROUND

4. CENTERING: 3-5 ARCMIN

5. ASPHERE FIGURE ERROR: 0.75 µm RMS

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

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



SECTION A-A

COEFFICIENT TABLE △ 6.

COEFFICIENT	S1
SEMI-DIAMETER	20.000000E+00
(1/RADIUS)	5.486864E-02
k	-6.322150E-01
D	0.000000E+00
E	0.000000E+00
F	4.926605E-09
G	-1.735380E-11
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	18.22	400.00
SURFACE QUALITY	60-40	60-40
CLEAR APERTURE	90%	90%
BEVEL MAX	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

EFL @587.6 : 30
BFL @587.6 : 20.6



ALL DIMS IN mm

Edmund Optics®

40mm DIA., 0.66 NUMERICAL APERTURE
UNCOATED, ASPHERIC LENS

TITLE
DWG NO 66313
SHEET 1 OF 1