

NOTES:

1. SUBSTRATE: L-BAL35

2. COATING

S1: NONE
S2: NONE

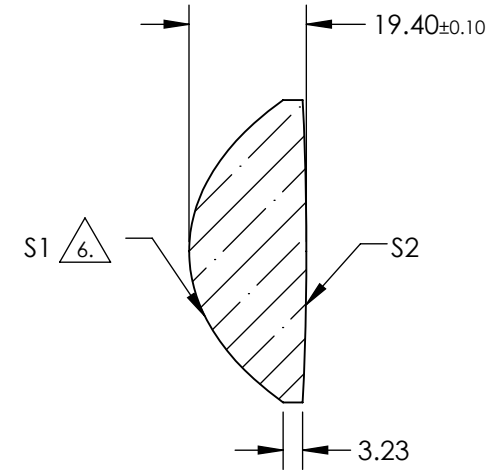
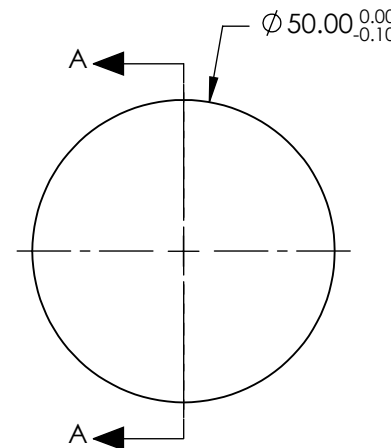
3. EDGES: FINE GROUND

4. CENTERING: 3-5 ARCMIN

5. ASPHERE FIGURE ERROR: 0.75 μm RMS

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

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



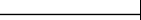
SECTION A-A

COEFFICIENT TABLE 6.

COEFFICIENT	S1
SEMI-DIAMETER	25.000000E+00
(1/RADIUS)	4.389574E-02
k	-6.321058E-01
D	0.000000E+00
E	0.000000E+00
F	1.614851E-09
G	-3.644437E-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	EFL @587.6 : 37.5		 Edmund Optics®		
SHAPE	CONVEX	CONVEX	BFL @587.6 : 25.74				
RADIUS	22.781	500.00	THIRD ANGLE PROJECTION 		TITLE	50mm DIA., 0.66 NUMERICAL APERTURE UNCOATED, ASPHERIC LENS	
SURFACE QUALITY	60-40	60-40					
CLEAR APERTURE	90%	90%					
BEVEL MAX	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED	ALL DIMS IN	mm	DWG NO	66315	SHEET 1 OF 1