NOTES:

1. SUBSTRATE:
   S-LAH64

2. CENTERING TOLERANCE (AT 587.6nm):
   BEAM DEVIATION (HALF ANGLE): <3 arcmin

3. COATING (APPLY ACROSS COATING APERTURE)
   S1: NONE
   S2: NONE

4. EDGES: FINE GROUND

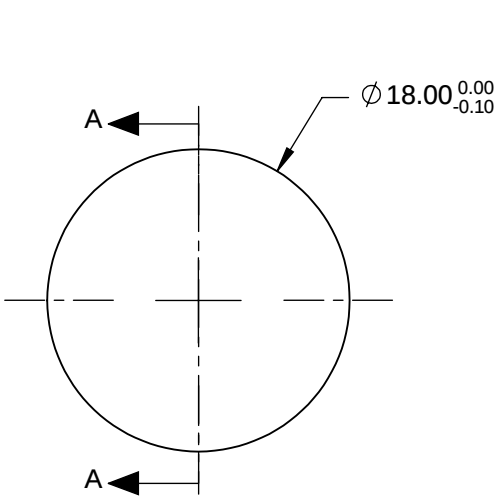
5. ASPHERIC FIGURE ERROR: 0.75 µm RMS

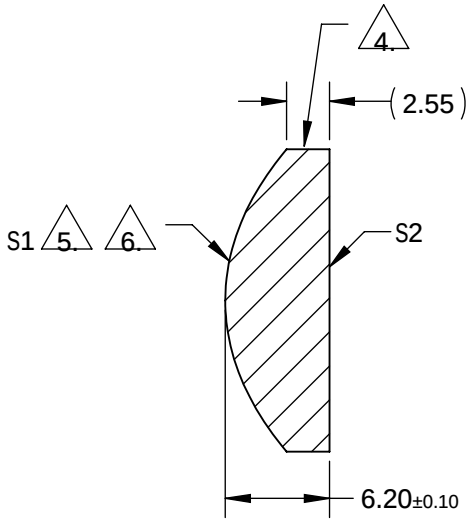
6. ASPHERIC SURFACE DESCRIBED BY (REF. COEFFICIENT TABLE):

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

FOR INFORMATION ONLY:
DO NOT MANUFACTURE PARTS TO THIS DRAWING

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY





SECTION A-A

COEFFIECIENT TABLE 6.	
COEFFIECIENT	**S1**
SEMI-DIAMETER	9.000000E+00
(1/RADIUS)	8.58369099E-02
k	-1.002000E+00
D	0.000000E+00
E	2.915900E-05
F	-1.002600E-08
G	-1.377200E-10
H	-3.361200E-13
J	1.530400E-15
L	0.000000E+00

	S1	S2
SHAPE	CONVEX	PLANO
RADIUS	11.650	INFINITY
SURFACE QUALITY	40-20	40-20
CLEAR APERTURE	90 %	90 %
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

BFL @ 780nm: 11.51

THIRD ANGLE PROJECTION

ALL DIMS IN mm

Edmund Optics®

TITLE: 18mm Dia., 0.60 Numerical Aperture Uncoated, NIR Aspheric Lens

DWG NO: 13500

SHEET 1 OF 1