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



EDGES: FINE GROUND

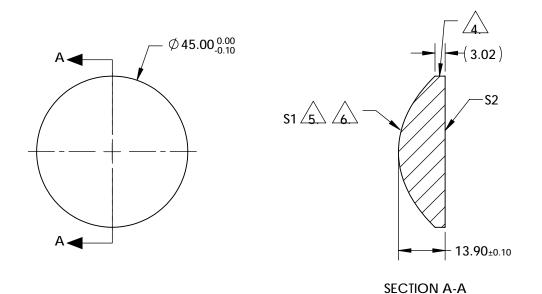


ASPHERIC FIGURE ERROR: 0.75 µm RMS



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

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



FOR INFO	RMATION ONLY:
DO NOT M	ANUFACTURE
PARTS TO	THIS DRAWING

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE DIMENSIONS ARE FOR REFERENCE ONLY

COEFFIECIENT TABLE 6.					
COEFFIECIENT	S1				
SEMI-DIAMETER	2.250000E+01				
(1/RADIUS)	4.02252615E-02				
k	-7.100000E-01				
D	0.000000E+00				
E	6.645300E-07				
F	-7.47800E-10				
G	-8.533600E-13				
Н	-4.328100E-16				
J	3.380900E-19				
L	0.00000E+00				

SHAPE	S1 CONVEX	S2 PLANO	BFL @ 780nm: 24.18	B	Edmund Optics®
RADIUS SURFACE QUALITY	24.860 40-20	INFINITY 40-20	THIRD ANGLE PROJECTION	TITLE	45mm Dia., 0.70 Numerical Aperture Uncoated, NIR Aspheric Lens
CLEAR APERTURE	90 %	90 %			
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED	ALL DIMS IN mm	DWG NO	13505 SHEET 1 OF 1