

# NOTES:

1. SUBSTRATE: FUSED SILICA

2. COATING (APPLY ACROSS CLEAR APERTURE)

S1: NR(avg) ≤1.5% @ 600 - 1050nmNE

S2: NR(avg) ≤1.5% @ 600 - 1050nmNE

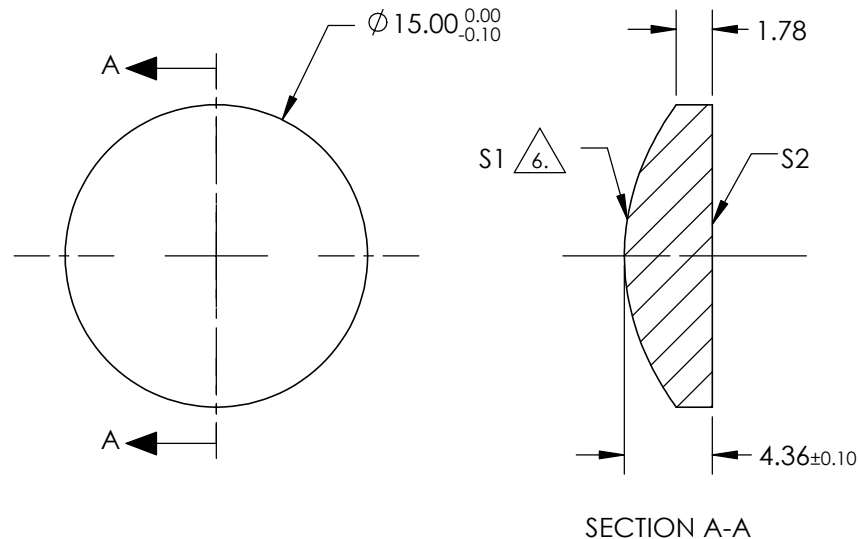
3. EDGES: FINE GROUND

4. CENTERING: <3-5 ARCMIN

5. ASPHERE FIGURE ERROR: 0.75µm RMS

△ ASPHERIC SURFACE DESCRIBED BY (REF. COEFFICIENT TABLE)

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



COEFFICIENT TABLE △7

COEFFICIENT	S1
k	-6.483400E-01
D	0
E	6.650100E-06
F	9.907000E-09
G	0
H	0
J	0
L	0

**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 @ 587.6µm	25	 Edmund Optics®		
SHAPE	CONVEX	PLANO	BFL @ 587.6µm	22.01			
RADIUS	11.463	IFINITY	<div>THIRD ANGLE PROJECTION</div> 		TITLE	15mm DIA 0.30 NA NIR COATED, UV FUSED SILICA 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	33964	SHEET 1 OF 1