NOTES:
1. SUBSTRATE: FUSED SILICA
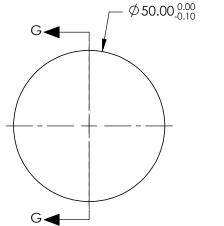
2. COATING (APPLY ACROSS CLEAR APERTURE)
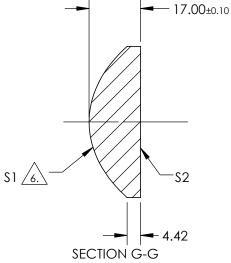
        S1: NONE
        S2: NONE

3. EDGES: FINE GROuND

4. CENTERING: <3-5 ARCMIN

5. ASPHERE FIGURE ERROR: 0.75µm µm RMS

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

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

$\varnothing 50.00^{0.00}_{-0.10}$

17.00 ± 0.10

G

G

S1

S2

4.42

SECTION G-G

COEFFIECIENT TABLE 7	
COEFFIECIENT	**S1**
k	-1.471923E+00
D	0.000000E+00
E	5.474309E-06
F	-2.150776E-10
G	4.540082E-13
H	-3.526000E-18
J	0.000000E+00
L	0.000000E+00

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE DIMENSIONS ARE FOR REFERENCE ONLY

REV. A	S1	S2	EFL @ 587.6nm	60		
SHAPE	CONVEX	PLANO	BFL @ 587.6nm	48.34	**Edmund Optics®**	
RADIUS	27.508	INFINITY	THIRD ANGLE PROJECTION		TITLE	50mm DIA 0.42 NA UNCOATED, UV FUSED SILICA ASPHERIC LENS
SURFACE QUALITY	60-40	60-40				
CLEAR APERTURE	90%	90%	ALL DIMS IN	mm	DWG NO 67268	SHEET 1 OF 1
BEVEL MAX	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED				