

NOTES:

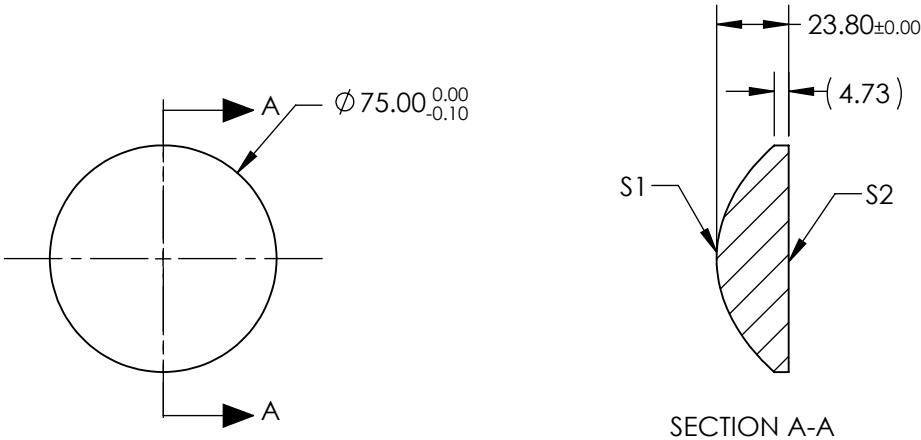
1. SUBSTRATE: N-SF5
2. COATING (APPLY ACROSS CLEAR APERTURE)

S1: NONE  
S2: NONE
3. EDGES: FINE GROUND
4. CENTERING: ≤5 ARCMIN
5. ASPHERE FIGURE ERROR: 0.75 μm RMS

FOR INFORMATION ONLY:  
DO NOT MANUFACTURE  
PARTS TO THIS DRAWING

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

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



COEFFICIENT TABLE 6.	
COEFFICIENT	S1
SEMI-DIAMETER	3.750000E+01
(1/RADIUS)	2.477517E-02
k	-8.770000E-01
D	0.000000E+00
E	5.660000E-07
F	3.320000E-11
G	-7.170000E-15
H	-4.420000E-18
J	3.100000E-22
L	0.000000E+00

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2	EFL @ 587.6nm	60.00	 Edmund Optics®			
SHAPE	CONVEX	PLANO	BFL @ 587.6nm	45.77				
RADIUS	40.363	INFINITY			TITLE	LENS ASPHERE 75MM F/0.8 UNCTD		
SURFACE QUALITY	60-40	60-40						
CLEAR APERTURE	Ø67.50	Ø67.50						
BEVEL MAX	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED			ALL DIMS IN	mm	DWG NO	14994
						SHEET 1 OF 1		