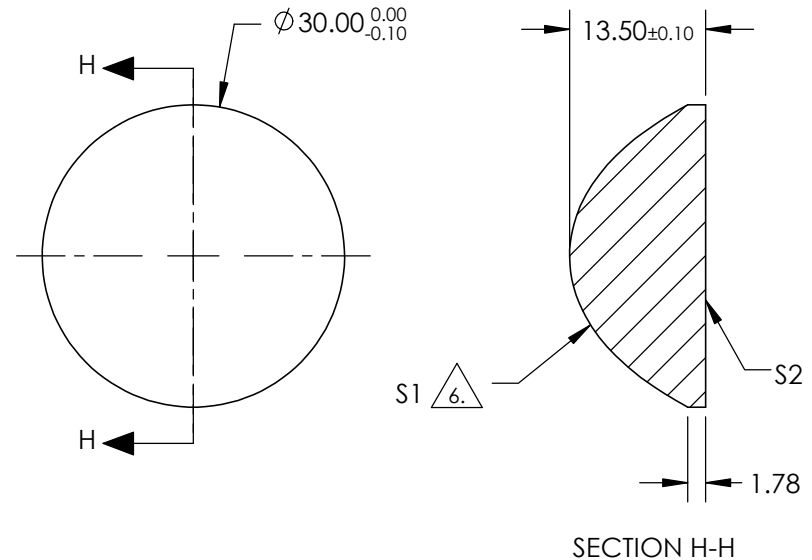


NOTES:

- SUBSTRATE: N-SF5
- COATING (APPLY ACROSS CLEAR APERTURE)
S1: R(avg) ≤1.5% @ 425 - 675nm
S2: R(avg) ≤1.5% @ 425 - 675nm
- EDGES: FINE GROUND
- CENTERING: <3-5 ARCMIN
- ASPHERE FIGURE ERROR: 0.75 μm 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	-9.455748E-01
D	0.000000E+00
E	3.300580E-05
F	3.973427E-08
G	5.082571E-11
H	-5.317145E-13
J	0.000000E+00
L	0.000000E+00

**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	17.5	 Edmund Optics®		
SHAPE	CONVEX	PLANO	BFL @ 587.6μm	9.43			
RADIUS	11.772	INFINITY			TITLE	30mm DIA., 0.86 NUMERICAL APERTURE VIS COATED, 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	67253	SHEET 1 OF 1