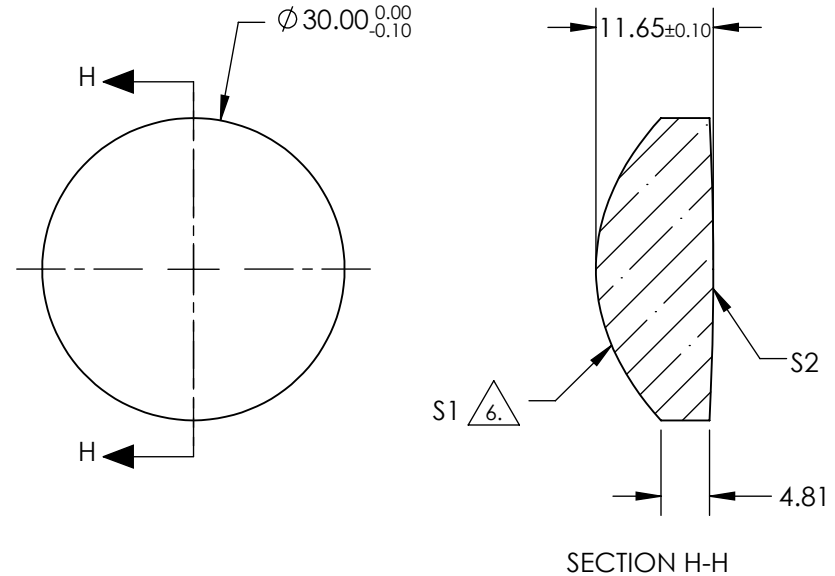


NOTES:

- SUBSTRATE: L-BAL35
- 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)

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




COEFFICIENT TABLE △ 6.

COEFFICIENT	S1
SEMI-DIAMETER	20.000000E+00
(1/RADIUS)	5.486864E-02
k	-6.220625E-01
D	0.000000E+00
E	0.000000E+00
F	-1.772239E-09
G	-1.116722E-11
H	0.000000E+00
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	30	 Edmund Optics®		
SHAPE	CONVEX	CONVEX	BFL @ 587.6μm	22.99			
RADIUS	18.510	300.000			TITLE	30mm DIA., 0.50 NUMERICAL APERTURE VIS COATED, ASPHERIC LENS	
SURFACE QUALITY	60-40	60-40					
CLEAR APERTURE	90%	90%			DWG NO	66322	
BEVEL MAX	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED	ALL DIMS IN	mm			SHEET 1 OF 1