NOTES:

1. SUBSTRATE: N-BK7

2. COATING (APPLY ACROSS CLEAR APERTURE)

   S1: NONE
   S2: NONE

3. EDGES: FINE GROUND

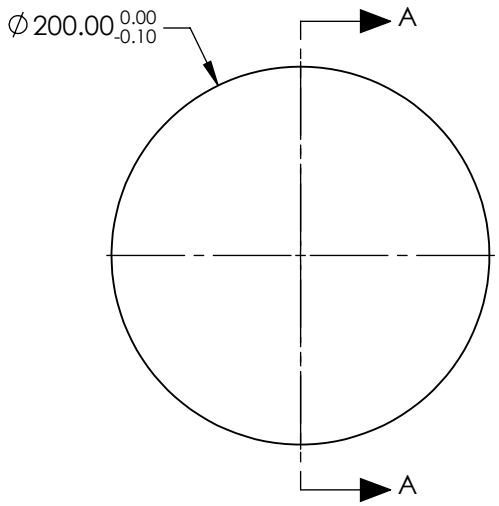
4. CENTERING: ≤5 ARCMIN

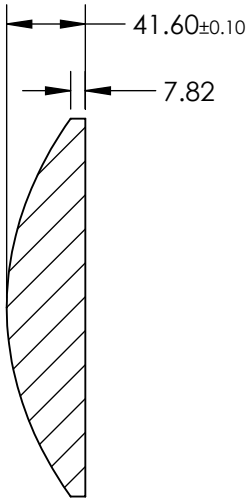
5. ASPHERE FIGURE ERROR: 0.75µm RMS

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

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

**FOR INFORMATION ONLY:**
**DO NOT MANUFACTURE PARTS TO THIS DRAWING**




SECTION A-A

| COEFFIECIENT TABLE 6 | |
|---|---|
| **COEFFIECIENT** | **S1** |
| **SEMI-DIAMETER** | 1.000000E+02 |
| **(1/RADIUS)** | 6.449948E-03 |
| **k** | -1.167000E+00 |
| **D** | 0.000000E+00 |
| **E** | 1.996000E-08 |
| **F** | 7.500000E-14 |
| **G** | 5.695000E-19 |
| **H** | 0.000000E+00 |
| **J** | 0.000000E+00 |
| **L** | 0.000000E+00 |

**SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE DIMENSIONS ARE FOR REFERENCE ONLY**

| | S1 | S2 |
|---|---|---|
| SHAPE | CONVEX | PLANO |
| RADIUS | 155.040 | INFINITY |
| SURFACE QUALITY | 60-40 | 60-40 |
| CLEAR APERTURE | ∅170 | ∅170 |
| BEVEL MAX | PROTECTIVE AS NEEDED | PROTECTIVE AS NEEDED |

| | | | |
|---|---|---|---|
| EFL @ 587.6nm | 300.00 | Edmund Optics® | |
| BFL @ 587.6nm | 272.57 | | |
| THIRD ANGLE PROJECTION | | TITLE | 200mm Dia., 0.33 Numerical Aperture Uncoated, Aspheric Lens |
| ALL DIMS IN | mm | DWG NO | 15027 |
| | | | SHEET 1 OF 1 |