NOTES:

1. Optic to be diamond turned from RSA 6061-T6 Al blank.
2. Optical surface is a concave sphere, with ROC 399.02 +/- 0.04 mm.
3. Apply protected gold evaporative coating to final optical surface.
4. Reflectivity average >98%, minimum 97% from 0.82-2.5 microns.
5. Surface finish to be 60-40 scratch-dig quality.
6. Surface figure errors to be \( O/3 \) or less, peak-to-valley at 632.8 nm test wavelength.
7. Surface micro-roughness not to exceed 4 nm RMS.
8. Bevel all sharp edges to a 1mm width face, at approx 45 degree angle.
9. Datum B to be perpendicular to the optical axis.