



NOTE:

1. COMPONENT MATERIAL: LCP/N-BK7
2. ELEMENT DIAMETER:  $\varnothing 25.4 +0/-0.1$  mm
3. ELEMENT THICKNESS:  $3.2 \pm 0.1$  mm
4. TRIMMING WIDTH:  $0.7 \pm 0.05$  mm
5. OPTICAL APERTURE:  $\varnothing 21.5$  mm
6. WORKING WAVELENGTH: 800 nm
7. RETARDANCE:  $\lambda / 2 \pm \lambda / 200$
8. SURFACE QUALITY (S/D) : 40/20
9. TRANSMITTANCE: >98 %
10. AR COATING (S1, S2) :  $R_{avg} < 0.7 \% @ 700-1100$  nm
11. THE FAST AXIS IS PARALLEL TO THE TRIMMING DIRECTION

|  |        |              |                 |        |       |     |
|--|--------|--------------|-----------------|--------|-------|-----|
| DRAWING PROJECTION                                     |        |              | <b>LBTEK</b>    |        |       |     |
|  | NAME   | DATE         | HWP25-800A      |        |       |     |
| DRAWN  | LTAN   | JUN./23rd/25 | Half Wave Plate |        |       |     |
| APPROVAL   | WCHENG | JUN./23rd/25 | MATERIAL        | WEIGHT | SCALE | REV |
| FOR INFORMATION ONLY<br>NOT FOR MANUFACTURING PURPOSES |        |              | LCP/N-BK7       | 4 g    | 2:1   | A   |