



NOTES

1. DESIGN WAVELENGTH: 587.6 nm
2. OPERATION WAVELENGTH: 350 nm–2.0  $\mu\text{m}$
3. DIAMETER TOLERANCE:  $+0.0/-0.1\text{ mm}$
4. THICKNESS TOLERANCE:  $\pm 0.1\text{ mm}$
5. FOCAL LENGTH:  $35.0\text{ mm} \pm 1\%$
6. BACK FOCAL LENGTH(REF): 32.7 mm
7. CLEAR APERTURE:  $>90\%CA$
8. SURFACE QUALITY(S/D)(S1, S2): 40/20
9. SURFACE POWER(S2):  $3\lambda/2 @ 632.8\text{ nm}$
10. SURFACE IRREGULARITY(S2):  $\lambda/4 @ 632.8\text{ nm}$
11. CENTRATION:  $<3\text{ arcmin}$
12. CHAMFER:  $<0.2\text{ mm}, 45^\circ$
13. COATING(S1, S2): UNCOATED

|                                                        |        |              |                                                                       |        |       |     |
|--------------------------------------------------------|--------|--------------|-----------------------------------------------------------------------|--------|-------|-----|
| DRAWING PROJECTION                                     |        |              | <b>LBTEK</b>                                                          |        |       |     |
|                                                        |        |              |                                                                       |        |       |     |
|                                                        | NAME   | DATE         | BCX10608                                                              |        |       |     |
| DRAWN                                                  | BSHU   | JUL./29th/24 | $\phi 25.4\text{ mm}, F=35.0\text{ mm}$<br>BI-CONVEX LENS<br>UNCOATED |        |       |     |
| APPROVAL                                               | WCHENG | JUL./29th/24 | MATERIAL                                                              | WEIGHT | SCALE | REV |
| FOR INFORMATION ONLY<br>NOT FOR MANUFACTURING PURPOSES |        |              | N-BK7                                                                 | 5.46g  | 10:1  | A   |