



NOTES

1. OPERATION WAVELENGTH: 350 nm–1100 nm
2. OPTICAL DENSITY(OD): 1.0±0.05@635 nm  
1.0±0.1@350 nm–1100 nm
3. CLEAR APERTURE: >90%CA
4. DIAMETER TOLERANCE: +0.00/-0.25 mm
5. THICKNESS TOLERANCE: ±0.3 mm
6. SURFACE QUALITY(S1,S2): 40/20(S/D)
7. SURFACE FLATNESS(S1,S2):  $\lambda/2@632.8$  nm
8. PARALLELISM(S1,S2): <30 arcsec
9. CHAMFER: <0.2 mm, 45°
10. COATING(S1): NiCrFe
11. OTHER SURFACES: FINE GROUND

|  |        |             |  |        |       |     |
|--|--------|-------------|--|--------|-------|-----|
| DRAWING PROJECTION                                     |        |             | <b>LBTEK</b>   |        |       |     |
|  | NAME   | DATE        |  |        |       |     |
| DRAWN  | LZHOU  | APR./1st/24 | REFLECTIVE ND FILTER<br>$\phi 12.7$ mm, OD=1.0, NiCrFe, 350 nm–1100 nm |        |       |     |
| APPROVAL   | WCHENG | APR./1st/24 | MATERIAL   | WEIGHT | SCALE | REV |
| FOR INFORMATION ONLY<br>NOT FOR MANUFACTURING PURPOSES |        |             | N-BK7  | 0.63 g | 4:1   | A   |