



NOTES

1. OPERATION WAVELENGTH: 1100 nm–1700 nm
2. OPTICAL DENSITY: $0.5 \pm 0.03 @ 1300 \text{ nm}$
3. CLEAR APERTURE: $>90\% \text{ CA}$
4. DIAMETER TOLERANCE: $+0.00 / -0.25 \text{ mm}$
5. SURFACE QUALITY(S1,S2): 60/40(S/D)
6. SURFACE FLATNESS(S1,S2): $\lambda / 4 @ 632.8 \text{ nm}$
7. PARALLELISM(S1,S2): $<10 \text{ arcsec}$
8. CHAMFER: $<0.2 \text{ mm}, 45^\circ$
9. COATING(S1): AR COATING, $R_{\text{avg}} < 0.5\% @ 1100 \text{ nm} - 1700 \text{ nm}, 6^\circ \text{ AOI}$
10. OTHER SURFACES: FINE GROUND

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|--|--------|--------------|--|--------|-------|-----|
| DRAWING PROJECTION | | | LBTEK | | | |
| | NAME | DATE | | | | |
| DRAWN | LZHOU | JUN./19th/24 | ABSORPTIVE NEUTRAL DENSITY FILTER $\phi 25.4 \text{ mm}, \text{OD}=0.5, \text{AR}: 1100 \text{ nm} - 1700 \text{ nm}$ | | | |
| APPROVAL | WCHENG | JUN./19th/24 | MATERIAL | WEIGHT | SCALE | REV |
| FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES | | | ND Filter Glass | 3.2 g | 2:1 | B |