



NOTES

1. DESIGN WAVELENGTH: 587.6 nm
2. OPERATION WAVELENGTH: 350 nm-2.0 μm
3. DIAMETER TOLERANCE: +0.0/-0.1 mm
4. THICKNESS TOLERANCE: ± 0.1 mm
5. FOCAL LENGTH: $f=30.0$ mm $\pm 1\%$
6. BACK FOCAL LENGTH(REF): $bf=28.7$ mm
7. CLEAR APERTURE: $>85\%$ CA
8. SURFACE QUALITY(S/D)(S1, S2): 40/20
9. SURFACE FLATNESS(S1): $\lambda/2 @ 632.8$ nm
10. SURFACE POWER(S2): $3\lambda/2 @ 632.8$ nm
11. SURFACE IRREGULARITY(S2): $\lambda/4 @ 632.8$ nm
12. CENTRATION: <3 arcmin
13. CHAMFER: <0.2 mm, 45°
14. COATING(S1, S2): UNCOATING

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|--|--------|--------------|---|--------|-------|-----|
| DRAWING PROJECTION | | | LBTEK | | | |
| | | | | | | |
| | NAME | DATE | CX10007 | | | |
| DRAWN | BSHU | JUL./19th/24 | $\phi 6$ mm, $f=30$ mm PLANO CONVEX LENS UNCOATED | | | |
| APPROVAL | WCHENG | JUL./19th/24 | MATERIAL | WEIGHT | SCALE | REV |
| FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES | | | N-BK7 | 0.11 g | 10:1 | B |