



NOTES

1. DESIGN WAVELENGTH: 587.6 nm
2. CLEAR APERTURE: >90%CA
3. OPERATION WAVELENGTH: 400 nm-700 nm
4. DIAMETER TOLERANCE: +0.0/0.1 mm
5. THICKNESS TOLERANCE: ±0.1 mm
6. FOCAL LENGTH: 300.0 mm±1%
7. BACK FOCAL LENGTH(REF): 297.3 mm
8. SURFACE QUALITY(S/D) (S1,S2) : 40/20
9. SURFACE POWER (S1,S2) : $3\lambda/2$ @ 632.8 nm
10. SURFACE IRREGULARITY (S1,S2) : $\lambda/4$ @ 632.8 nm
11. CENTRATION: <3 arcmin
12. CHAMFER: <0.2 mm, 45°
13. COATING (S1, S2) : AR COATING $R_{avg}<0.5\%$ @400 nm-700 nm

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|--|--------|--------------|--|--------|-------|-----|
| DRAWING PROJECTION | | | LBTEK | | | |
| | NAME | DATE | BCX10819-A | | | |
| DRAWN | BSHU | JUL./29th/24 | ϕ 25.4 mm, f=300.0 mm BI-CONVEX LENS AR COATING 400 nm-700 nm | | | |
| APPROVAL | WCHENG | JUL./29th/24 | MATERIAL | WEIGHT | SCALE | REV |
| FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES | | | N-BK7 | 20.04g | 10:1 | A |