



NOTES:

1. DESIGN WAVELENGTH: 633.0 nm
2. FOCAL LENGTH: 50.0 mm
3. CLEAR APERTURE: $\varnothing 21.5$ mm
4. SIZE OF LENS UNIT: 300*300 μ m
5. DIFFRACTION EFFICIENCY: >98%
6. DIAMETER TOLERANCE: +0.0/-0.1 mm
7. THICKNESS TOLERANCE: ± 0.1 mm
8. SURFACE QUALITY: 60/40 (S/D)
9. AR COATING(S1): $R_{avg} < 0.5\%$ @400-700 nm

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|--|------|--------------|--|---------|-------|-----|
| DRAWING PROJECTION | | | LBTEK | | | |
| | NAME | DATE | | | | |
| DRAWN | SHAN | MAR./14th/23 | D=25.4 mm, F=50.0 mm, λ =633.0 nm, AR COATING 400-700 nm | | | |
| APPROVAL | XLIU | MAR./14th/23 | MATERIAL | WEIGHT | SCALE | REV |
| FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES | | | N-BK7/LIQUID CRYSTAL POLYMER | 0.02 Kg | 2:1 | B |