



NOTES:

1. DESIGN WAVELENGTH: 532.0 nm
2. FOCAL LENGTH: 50.0 mm
3. CLEAR APERTURE: 21.5 mm
4. DIFFRACTION EFFICIENCY: >98%
5. DIAMETER TOLERANCE: +0.0/-0.1 mm
6. THICKNESS TOLERANCE: ±0.1 mm
7. SURFACE QUALITY: 60/40(S/D)
8. AR COATING(S1, S2): $R_{avg} < 0.5\%$ @ 400-700 nm

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|--|------|--------------|---|---------|-------|-----|
| DRAWING PROJECTION | | | LBTEK | | | |
| | NAME | DATE | PBCL25-532-F50 | | | |
| DRAWN | SHAN | SEPT./3rd/24 | D=25.4 mm, F=50.0 mm, λ =532.0 nm, AR COATING 400-700 nm | | | |
| APPROVAL | LDAI | SEPT./3rd/24 | MATERIAL | WEIGHT | SCALE | REV |
| FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES | | | N-BK7/LIQUID CRYSTAL POLYMER | 0.04 Kg | 2:1 | A |