



NOTES

1. MATERIAL: CORNING 7980 OF
2. CLEAR APERTURE: > 90%CA
3. OPERATION WAVELENGTH: REFLECTED 355 nm, TRANSMITTED 532 nm&1064 nm
4. DIAMETER TOLERANCE: +0.0/-0.1 mm
5. THICKNESS TOLERANCE: ±0.1 mm
6. WEDGE ANGLE: 30 arcmin±10 arcmin
7. SPLITTING COATING(S1): R>99%@355 nm, AOI:45°
T>95%@532 nm&1064 nm, AOI:45°
8. AR COATING(S2): DUAL V Coating@532 nm&1064 nm, Rabs<0.25%, AOI:45°
9. SURFACE QUALITY(S1, S2): 10/5(S/D)
10. SURFACE FLATNESS(S1, S2): λ/10@633 nm
11. CHAMFER: 45° , <0.2 mm

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|--|--------|--------------|--|--------|-------|-----|
| DRAWING PROJECTION | | | LBTEK | | | |
| | NAME | DATE | | | | |
| DRAWN | LZHOU | Aug./12th/24 | Nd: YAG HARMONIC DICHOIC MIRROR ∅25.4 mm×5 mm, R. 355 nm, T. 532 nm&1064 nm | | | |
| APPROVAL | WCHENG | Aug./12th/24 | MATERIAL | WEIGHT | SCALE | REV |
| FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES | | | CORNING 7980 OF | 6.1 g | 2:1 | B |