



NOTES

1. MATERIAL: CORNING 7980 OF
2. CLEAR APERTURE: > 90%CA
3. OPERATION WAVELENGTH: REFLECTED 532 nm, TRANSMITTED 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% @ 532 nm, AOI: 45°
T > 95% @ 1064 nm, AOI: 45°
9. AR COATING(S2): V Coating @ 1064 nm, R_{abs} < 0.25%, AOI: 45°
10. SURFACE QUALITY(S1, S2): 10/5(S/D)
11. SURFACE FLATNESS(S1, S2): λ/10 @ 633 nm
12. CHAMFER: 45°, < 0.2 mm

DRAWING PROJECTION			LBTEK			
	NAME	DATE				
DRAWN	LZHOU	Aug./12th/24	Nd: YAG HARMONIC DICHOIC MIRROR ∅25.4 mm × 5 mm, R: 532 nm, T: 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