



NOTES

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

DRAWING PROJECTION			LBTEK			
	NAME	DATE	HDM05-355R-532&1064T			
DRAWN	LZHOU	Aug./12th/24	Nd: YAG HARMONIC DICHOIC MIRROR $\phi 12.7\text{ mm} \times 3\text{ mm}$, R: 355 nm , T: $532\text{ nm}\&1064\text{ nm}$			
APPROVAL	WCHENG	Aug./12th/24	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			CORNING 7980 OF	0.9 g	2:1	B