



NOTES:

1. DESIGN WAVELENGTH: 633 nm
2. CLEAR APERTURE: 21.5 mm
3. LASER MODE CONVERSION: TEM00-TEM11
4. DELAY AMOUNT:  $\lambda/2$
5. DELAY AMOUNT ACCURACY:  $\pm \lambda/100$
6. DELAY UNIFORMITY(RMS):  $\pm 5$  nm
7. DIAMETER TOLERANCE:  $+0.0/-0.1$  mm
8. THICKNESS TOLERANCE:  $\pm 0.1$  mm
9. SURFACE QUALITY: 60/40(S/D)
10. AR COATING(S1, S2):  $R_{\text{avg}} < 0.5\% @ 400-700$  nm
11. MECHANICAL SHELL THICKNESS: 12 mm
12. MECHANICAL SHELL DIAMETER: 30.5 mm



DRAWING PROJECTION			<b>LBTEK</b>			
	NAME	DATE				
DRAWN	SHAN	SEP./3rd/24	Laser Mode Converter			
APPROVAL	WCHENG	SEP./3rd/24	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			N-BK7/LIQUID CRYSTAL POLYMER	0.04 Kg	2:1	B