



NOTES

1. CLEAR APERTURE: >90%
2. TEMPERATURE RANGE: -50°C ~ +80°C
3. COLOUR: Red
4. COATING(S1,S2): 0° AOI
 $T_{avg} > 75\% @ 615 \text{ nm} - 730 \text{ nm}, T_{avg} < 1\% @ 380 \text{ nm} - 550 \text{ nm}$
5. CUTOFF WAVELENGTH: 585 nm ± 15 nm
6. SURFACE QUALITY(S1,S2): 80/50(S/D)
7. WAVEFRONT ERROR(RMS): $\lambda/4 @ 633 \text{ nm}$
8. SURFACE FLATNESS(S1,S2): $\lambda/4 @ 633 \text{ nm}$
9. PARALLELISM(S1,S2): <3 arcmin
10. CHAMFER: <0.25 mm, 45°

DRAWING PROJECTION			LBTEK			
	NAME	DATE				
DRAWN	LZHOU	JUL./30th/24	DICHROIC FILTER $\phi = 25.4 \text{ mm}, \text{CUTOFF WAVELENGTH: } 585 \text{ nm} \pm 15 \text{ nm}$			
APPROVAL	WCHENG	JUL./30th/24	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			Borofloat	2.5 g	2:1	A