



NOTES

1. CLEAR APERTURE: >90%
2. TEMPERATURE RANGE: -50°C ~ +80°C
3. COLOUR: Blue
4. COATING(S1, S2): 0° AOI  
 $T_{avg} > 85\% @ 390 \text{ nm} - 480 \text{ nm}$ ,  $T_{avg} < 1\% @ 540 \text{ nm} - 750 \text{ nm}$
5. CUTOFF WAVELENGTH:  $505 \text{ nm} \pm 15 \text{ nm}$
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			<b>LBTEK</b>			
	NAME	DATE	CF1-B			
DRAWN	LZHOU	JUL./30th/24	DICHROIC FILTER $\phi = 25.4 \text{ mm}$ , CUTOFF WAVELENGTH: $505 \pm 15 \text{ nm}$			
APPROVAL	WCHENG	JUL./30th/24	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			Borofloat	2.5 g	2:1	A