



NOTES

1. OPERATION WAVELENGTH: 1100 nm–1700 nm
2. OPTICAL DENSITY:  $0.5 \pm 5\%$ @1300 nm
3. CLEAR APERTURE:  $>90\%$ CA
4. SURFACE QUALITY(S1,S2): 40/20(S/D)
5. TRANSMITTED WAVEFRONT ERROR:  $\lambda/2$ @632.8 nm
6. PARALLELISM(S1,S2):  $<10$  arcsec
7. CHAMFER:  $<0.2$  mm,  $45^\circ$
8. COATING(S1,S2): AR COATING,  
Ravg $<0.5\%$ @1100 nm–1700 nm,  $6^\circ$  AOI
9. OTHER SURFACES: FINE GROUND

DRAWING PROJECTION			<b>LBTEK</b>			
	NAME	DATE				
DRAWN	LTAN	OCT./28th/25	ABSORPTIVE NEUTRAL DENSITY FILTER $\phi$ 50 mm, OD=0.5, AR: 1100 nm–1700 nm			
APPROVAL	WCHENG	OCT./28th/25	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			ND Filter Glass	14.36g	1:1	A