



NOTES

1. OPERATION WAVELENGTH: 700 nm–1100 nm
2. OPTICAL DENSITY:  $1.0 \pm 5\%$ @850 nm
3. CLEAR APERTURE:  $>90\%$ CA
4. SURFACE QUALITY(S1,S2): 40/20(S/D)
5. TRANSMITTED WAVEFRONT ERROR:  $\lambda/4$ @632.8 nm
6. PARALLELISM(S1,S2):  $<10$  arcsec
7. CHAMFER:  $<0.2$  mm,  $45^\circ$
8. COATING(S1,S2): AR COATING,  
 $R_{\text{avg}} < 0.5\%$ @700 nm–1100 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 $\text{Ø } 12.7$ mm, OD=1.0, AR: 700 nm–1100 nm			
APPROVAL	WCHENG	OCT./28th/25	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			ND Filter Glass	0.61 g	4:1	A