



NOTES

1. MATERIAL: UVFS
2. DIMENSIONAL TOLERANCES:
 OUTER DIAMETER TOLERANCE: $+0.00/-0.25$ mm
 INNER DIAMETER TOLERANCE: $+0.25/-0.00$ mm
 THICKNESS TOLERANCE: ± 0.25 mm
3. OPERATION WAVELENGTH: 240 nm–1200 nm
4. CLEAR APERTURE: 9.5 mm < COATING AREA < 97 mm
5. SURFACE FLATNESS: $< \lambda @ 633$ nm
6. SURFACE QUALITY: 60/40
7. PARALLELISM: < 3 arcmin
8. COATING(S1): NiCrFe
9. COATING RADIAL ANGLE: $297^\circ \pm 5^\circ$
10. OPTICAL DENSITY(OD): 0.04(UNCOATED) 0.1, 0.2, 0.3, 0.4, 0.5, 1.0, 2.0, 3.0, 4.0
11. OPTICAL DENSITY TOLERANCE: $\pm 5\% @ OD=0.5, 1.0, 2.0, 3.0, 4.0$
 $\pm 10\% @ OD=0.1, 0.2, 0.3, 0.4$
12. LINEAR DENSITY TOLERANCE: $\pm 5\%$
13. CHAMFER: < 0.2 mm, 45°

DRAWING PROJECTION			LBTEK			
	NAME	DATE	NDFR-100S-4			
DRAWN	LZHOU	JUL./26th/24	STEP VARIABLE ND FILTER $\phi 100.0$ mm, OD=0.04-4.0@240 nm-1200 nm			
APPROVAL	WCHENG	JUL./26th/24	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			UVFS	16.84 g	1:1	A