



THE GRATING SURFACE IS FRAGILE AND SHOULD ONLY BE MAINTAINED WITH A CLEANING GAS

NOTES

1. MATERIAL: SODA LIME GLASS
2. DIAMETER TOLERANCE: ± 0.1 mm
3. THICKNESS TOLERANCE: ± 0.1 mm
4. CLEAR APERTURE: $>84\%$ CA
5. BLAZE WAVELENGTH: 500 nm
6. BLAZE ANGLE: 17.46°
7. GROOVES: 1200 LINES/mm
8. DISPERSION: 0.80 nm/MRAD
9. SURFACE QUALITY(S1, S2): 80-50
10. COATING(S1): AL
 RAVG $>90\%$ @450 nm-2.0 um
 RAVG $>96\%$ @800 nm-2.0 um
11. CHAMFER: <0.2 mm, 45°

DRAWING PROJECTION			LBTEK			
	NAME	DATE				
DRAWN	LZHOU	Aug./12th/24	BLAZED GRATING 25 mm x 25 mm x 6 mm, 1200 LINS/mm@500 nm			
APPROVAL	WCHENG	Aug./12th/24	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			SODA LIME GLASS	9.38 g	2:1	A