



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

NOTES

1. MATERIAL: SODA LIME GLASS
2. DIAMETER TOLERANCE:  $\pm 0.1$  mm
3. THICKNESS TOLERANCE:  $\pm 0.1$  mm
4. CLEAR APERTURE:  $>84\%CA$
5. BLAZE WAVELENGTH: 1250 nm
6. BLAZE ANGLE:  $22.02^\circ$
7. GROOVES: 600 LINES/mm
8. DISPERSION: 1.55 nm/mrad
9. COATING(S1): AL  
     RAVG $>90\%$ @450 nm-2.0  $\mu$ m  
     RAVG $>96\%$ @800 nm-2.0  $\mu$ m
10. CHAMFER:  $<0.2$  mm,  $45^\circ$

DRAWING PROJECTION			<b>LBTEK</b>			
	NAME	DATE				
DRAWN	LZHOU	Aug./12th/24	BLAZED GRATING 25 mm x 25 mm x 6 mm, 600 LINS/mm@1250 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	B