



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: 1000 nm
6. BLAZE ANGLE: 36.87°
7. GROOVES: 1200 LINES/mm
8. DISPERSION: 0.67 nm/mrad
9. COATING(S1): AL
 RAVG $>90\%$ @450 nm-2.0 μ m
 RAVG $>96\%$ @800 nm-2.0 μ m
10. CHAMFER: <0.2 mm, 45°

DRAWING PROJECTION			LBTEK			
NAME	DATE					
			BG25-1200-1000			
DRAWN	LZHOU	Aug./12th/24	BLAZED GRATING 25 mm x 25 mm x 6 mm, 1200 LINS/mm@1000 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