



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: 300 nm
6. BLAZE ANGLE: 2.58°
7. GROOVES: 300 LINES/mm
8. DISPERSION: 3.33 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°

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| DRAWING PROJECTION | | | LBTEK | | | |
| | NAME | DATE | | | | |
| DRAWN | LZHOU | Aug./12th/24 | BLAZED GRATING 25 mm x 25 mm x 6 mm, 300 LINS/mm@300 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 |