



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

SPECIFICATIONS:
 EFFICIENCIES: 60-80% AT 1000nm BLAZE (IN LITROW)
 BLAZE ANGLE: 36° 52'
 GROOVES: 1200 LINES/mm
 DISPERSION: 0.67 nm/mrad
 DIMENSIONAL TOLERANCES: ± 0.5mm
 CLEAR APERTURE: 90% OF LENGTH & WIDTH
 GHOST INTENSITIES: <0.5% OF PARENT LINE
 BACK SURFACE: FINE GROUND
 SURFACE QUALITY: 60 -40 SCRATCH-DIG
 DAMAGE THRESHOLD: 350mJ/cm² AT 200ns (PULSED);
 40W/cm² (CW)
 EDGE MARKED IN PENCIL WITH BLAZE DIRECTION
 AND NUMBER OF GROOVES

ALL DIMENSIONS ARE IN [inches]
 mm
 THIS DRAWING IS FOR INFORMATION ONLY
 NOT INTENDED FOR MANUFACTURING

	NAME	DATE
DRAWN	JLE	08/10/2010
ENG APPR.	HY	08/13/2010
MFG APPR.	PM	08/13/2010

PROPRIETARY AND CONFIDENTIAL

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THORLABS INC. PO BOX 366
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TITLE: GRATING, RULED, 1200/mm,
 1000nm BLAZE, 25.0X25.0mm

MATERIAL: LIME SODA GLASS SIZE A REV. B

SCALE: 2:1 SHEET 1 OF 1

DWG. NO. 11757-E01 PART NO. GR25-1210