



NOTES/SPECIFICATIONS:

1. DESIGN WAVELENGTH: 587.6nm
2. FOCAL LENGTH: $f=250.9\text{mm} \pm 1\%$
3. BACK FOCAL LENGTH(REF): $bf=249.0\text{mm}$
4. CLEAR APERTURE: $>90\%$
5. SURFACE QUALITY: 40-20 SCRATCH-DIG
6. CENTRATION: $<3\text{arcmin}$
7. DIAMETER TOLERANCE: $+0.0/-0.1\text{mm}$
8. THICKNESS TOLERANCE: $\pm 0.1\text{mm}$
9. COATING: VAR R $<0.25\%$ PER SURFACE FOR 532nm & 1064nm

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION

	NAME	DATE
DRAWN	GG	01/OCT/12
APPROVAL	DD	01/OCT/12

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VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS

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D=25.4 F=250 UV FUSED SILICA
PLANO CONVEX LENS, -YAG COAT

MATERIAL
UV FUSED SILICA

REV
A

ITEM #
LA4158-YAG

APPROX WEIGHT
0.03 kg