



NOTES/SPECIFICATIONS:

1. DESIGN WAVELENGTH: 587.6nm
2. FOCAL LENGTH:  $f=175.6\text{mm} \pm 1\%$
3. BACK FOCAL LENGTH(REF):  $bf=173.6\text{mm}$
4. CLEAR APERTURE:  $>90\%$
5. SURFACE QUALITY: 40-20 SCRATCH-DIG
6. CENTRATION:  $<3\text{arcmin}$
7. DIAMETER TOLERANCE:  $\pm 0.0/-0.1\text{mm}$
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=175 UV FUSED SILICA  
PLANO CONVEX LENS, -YAG COAT

MATERIAL	UV FUSED SILICA	REV	A
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ITEM #	LA4924-YAG	APPROX WEIGHT	0.03 kg
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