



NOTES/SPECIFICATIONS:

1. DESIGN WAVELENGTH: 587.6nm
2. FOCAL LENGTH: $f=501.8\text{mm} \pm 1\%$
3. BACK FOCAL LENGTH(REF): $bf=500.2\text{mm}$
4. CLEAR APERTURE: >90% OF DIAMETER
5. SURFACE QUALITY: 40-20 SCRATCH-DIG
6. CENTRATION: <3arcmin
7. DIAMETER TOLERANCE: $+0.0/-0.1\text{mm}$
8. THICKNESS TOLERANCE: $\pm 0.1\text{mm}$
9. COATING: BBAR $R_{avg} < 0.5\%$ FROM 350nm-700nm, 0° AOI, ON OUTER OPTICAL SURFACES

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION

	NAME	DATE
DRAWN	GG	28/SEP/12
APPROVAL	DD	28/SEP/12

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VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS

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D=25.40 F=500.00 UV FUSED SILICA
PLANO CONVEX LENS, -A COAT

MATERIAL	UV FUSED SILICA	REV	A
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ITEM #	LA4184-A	APPROX WEIGHT	0.03 kg
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