



SECTION A-A  
SCALE 1 : 1

NOTES/SPECIFICATIONS:

1. DESIGN WAVELENGTH: 587.6 nm
2. FOCAL LENGTH:  $f=174.4\text{ mm} \pm 1\%$
3. BACK FOCAL LENGTH(REF):  $bf=170.0\text{ mm}$
4. CLEAR APERTURE:  $\varnothing 45.7\text{ mm}$
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: BBAR  $R_{avg} < 1.0\%$  FROM 400 -1100 nm,  $0^\circ$  AOI ON BOTH OPTICAL SURFACES

FOR INFORMATION ONLY  
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION		
NAME	DATE	
DRAWN JB	10/16/2019	
APPROVAL ST	10/21/2019	
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VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS		

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$\varnothing 50.8\text{ mm } f=175\text{ mm PLANO CONVEX LENS -AB COAT}$		
MATERIAL	N-BK7	REV A
ITEM #	LA1399-AB	APPROX WEIGHT 3 g