



NOTES/SPECIFICATIONS:

1. DESIGN WAVELENGTH: 588nm
2. FOCAL LENGTH: $f = -18.0\text{mm} \pm 1\%$
3. BACK FOCAL LENGTH(REF): $bf = -19.4\text{mm}$
4. CLEAR APERTURE: $>11.43\text{mm}$
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 $R_{avg} < 1.25\%$ FROM 2.0-5.0 μm , 0° AOI ON BOTH OPTICAL SURFACES

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			THORLABS www.thorlabs.com CaF2 PLANO-CONCAVE LENS, $\Phi 12.7\text{mm}$, $f = -18\text{mm}$, BBAR: 2.0-5.0 μm	
NAME	DATE			
DRAWN	EMT	26/MAR/14	MATERIAL VACUUM UV GRADE CALCIUM FLUORIDE	
APPROVAL	MI	08/APR/14		
COPYRIGHT © 2014 BY THORLABS VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS			ITEM #	APPROX WEIGHT
			LC5919-E	1.4g