



NOTES/SPECIFICATIONS:

1. DESIGN WAVELENGTH: 4 μ m
2. FOCAL LENGTH: f= -50.0mm \pm 2%
3. BACK FOCAL LENGTH(REF): bf= -47.9mm
4. CLEAR APERTURE: > ϕ 11.43mm
5. SURFACE QUALITY: 40-20 SCRATCH-DIG
6. CENTRATION: <3arcmin
7. DIAMETER TOLERANCE: +0.0/-0.1mm
8. THICKNESS TOLERANCE: \pm 0.1mm
9. COATING: BBAR Ravg<1.25% FROM 2.0-5.0 μ m, 0° AOI ON BOTH OPTICAL SURFACES

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			THORLABS www.thorlabs.com CaF ₂ - MENISCUS LENS, ϕ 12.7mm, f= -50mm, BBAR: 2.0-5.0 μ m	
NAME	DATE			
DRAWN	KMR	21/MAY/18	MATERIAL VACUUM UV GRADE CALCIUM FLUORIDE	
APPROVAL	BW	21/MAY/18	REV	C
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VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS			ITEM #	APPROX WEIGHT
			LF5847-E	1.5g