



NOTES/SPECIFICATIONS:

1. DESIGN WAVELENGTH: 4 μ m
2. FOCAL LENGTH: f=40.0mm \pm 2%
3. BACK FOCAL LENGTH(REF): bf=33.1mm
4. CLEAR APERTURE: > \varnothing 22.86mm
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, \varnothing 25.4mm, f=40mm, BBAR: 2.0-5.0 μ m	
NAME	DATE			
DRAWN	KMR	21/MAY/18	MATERIAL VACUUM UV GRADE	
APPROVAL	BW	21/MAY/18	CALCIUM FLUORIDE	
COPYRIGHT © 2018 BY THORLABS VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS			ITEM #	APPROX WEIGHT
			LE5183-E	9.6 g