



NOTES/SPECIFICATIONS:

1. DESIGN WAVELENGTH: 4 μ m
2. FOCAL LENGTH: $f = -200.0\text{mm} \pm 2\%$
3. BACK FOCAL LENGTH(REF): $bf = -197.3\text{mm}$
4. CLEAR APERTURE: $> \varnothing 22.86\text{mm}$
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

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| DRAWING PROJECTION | | | THORLABS www.thorlabs.com | | |
| NAME | DATE | | | | |
| DRAWN | KMR | 21/MAY/18 | CaF ₂ - MENISCUS LENS, $\varnothing 25.4\text{mm}$, $f = -200\text{mm}$, BBAR: 2.0-5.0 μm | | |
| APPROVAL | BW | 21/MAY/18 | | | |
| COPYRIGHT © 2018 BY THORLABS | | | MATERIAL | VACUUM UV GRADE CALCIUM FLUORIDE | REV C |
| ITEM # | | LF5961-E | | APPROX WEIGHT 7.3g | |
| VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS | | | | | |