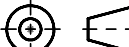


NOTES/SPECIFICATIONS:

1. DESIGN WAVELENGTH: $4\mu\text{m}$
2. FOCAL LENGTH: $f=20.0\text{mm} \pm 2\%$
3. BACK FOCAL LENGTH(REF): $bf=16.3\text{mm}$
4. CLEAR APERTURE: $> \varnothing 11.43\text{mm}$
5. SURFACE QUALITY: 40-20 SCRATCH-DIG
6. CENTRATION: $< 3\text{arcmin}$
7. DIAMETER TOLERANCE: $+0.0/-0.1\text{mm}$
8. THICKNESS TOLERANCE: $\pm 0.1\text{mm}$

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION					THORLABS www.thorlabs.com	
	NAME	DATE	CaF2 + MENISCUS LENS, Ø 12.7mm, f=20mm, UNCOATED			
DRAWN	KMR	21/MAY/18	MATERIAL	VACUUM UV GRADE CALCIUM FLUORIDE		REV B
APPROVAL	BW	21/MAY/18				
COPYRIGHT © 2018 BY THORLABS			ITEM #	APPROX WEIGHT		
VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUNDOFF ERRORS				LE5838 1.3g		