



NOTES/SPECIFICATIONS:

1. DESIGN WAVELENGTH: 587.6nm
2. FOCAL LENGTH: $f=29.9\text{mm}$
3. BACK FOCAL LENGTH(REF): $bf=26.8\text{mm}$
4. CLEAR APERTURE: >90% OF DIAMETER
5. SURFACE QUALITY: 40-20 SCRATCH-DIG
6. CENTRATION: <3arcmin
7. DIAMETER TOLERANCE: $+0.0/-0.1\text{mm}$
8. THICKNESS TOLERANCE: $\pm 0.1\text{mm}$
9. COATING: BBAR $R_{avg} < 0.5\%$ FROM 1050-1700nm, AOI: 0° , ON OUTER OPTICAL SURFACES

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			 www.thorlabs.com $\Phi=18\text{mm } f=30\text{mm N-BK7}$ PLANO CONVEX LENS, -C COAT	
DRAWN	MG	DATE		
APPROVAL	PM	DATE	03/FEB/15	MATERIAL
COPYRIGHT © 2015 BY THORLABS				N-BK7
VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS			ITEM #	APPROX WEIGHT
			LA1085-C	6 g