



SECTION A-A

NOTES/SPECIFICATIONS:

1. DESIGN WAVELENGTH: 587.6nm
2. FOCAL LENGTH: $f = -18.0\text{mm} \pm 1\%$
3. BACK FOCAL LENGTH(REF): $bf = -19.3\text{mm}$
4. CLEAR APERTURE: $>90\%$
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 $R_{\text{avg}} < 0.5\%$ FROM 350nm-700nm, 0° AOI, ON OUTER OPTICAL SURFACES

ALL DIMENSIONS ARE IN THE FORM $\begin{matrix} [\text{in}] \\ \text{mm} \end{matrix}$

THIS DRAWING IS FOR INFORMATION ONLY
NOT INTENDED FOR MANUFACTURING

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|---|------|---|--|---|-------|-----|--|
| DRAWING PROJECTION | |  | |  | | | |
| | NAME | DATE | D9.0 F= -18.0 N-SF11 A Coated Plano Concave Lens | | | | |
| DRAWN | CWD | 2022/5/18 | PC2009--18-A | | | | |
| APPROVAL | ZSB | 2022/5/18 | MATERIAL | WEIGHT | SCALE | REV | |
| FOR INFORMATION ONLYNOT FOR MANUFACTURING PURPOSES | | | N-SF11 | | 6:1 | C | |