



NOTES/SPECIFICATIONS:

1. DESIGN WAVELENGTH: 588nm
2. FOCAL LENGTH: $f = -30.0\text{mm} \pm 1\%$
3. BACK FOCAL LENGTH (REF): $bf = -32.1\text{mm}$
4. CLEAR APERTURE: $> \text{Ø } 22.86\text{mm}$
5. SURFACE QUALITY: 40-20 SCRATCH-DIG
6. CENTRATION: $\leq 3\text{arcmin}$
7. DIAMETER TOLERANCE: $+0.00/-0.10\text{mm}$
8. THICKNESS TOLERANCE: $\pm 0.1\text{mm}$
9. COATING: BBAR 245-400nm, $R_{\text{avg}} < 0.5\%$ 0° AOI
ON OUTER OPTICAL SURFACES

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

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|---|------|---|---|--------|-------|-----|
| DRAWING PROJECTION | |  |  | | | |
| | NAME | DATE | D25.4 F=-30.0 UV Coat UVFS Plano-Concave | | | |
| DRAWN | CWD | 2022/5/18 | PC4254--30-UV | | | |
| APPROVAL | ZSB | 2022/5/18 | MATERIAL | WEIGHT | SCALE | REV |
| FOR INFORMATION ONLYNOT FOR MANUFACTURING PURPOSES | | | UV GRADE FUSED SILICA | 0.01kg | | B |