



# NOTES/SPECIFICATIONS:

- DESIGN WAVELENGTH: 588nm
- FOCAL LENGTH:  $f=-12.0\text{mm} \pm 1\%$
- BACK FOCAL LENGTH (REF):  $bf=-13.4\text{mm}$
- CLEAR APERTURE:  $> \varnothing 7.20\text{mm}$
- SURFACE QUALITY: 40-20 SCRATCH-DIG
- CENTRATION:  $\leq 3\text{arcmin}$
- DIAMETER TOLERANCE:  $+0.00/-0.10\text{mm}$
- THICKNESS TOLERANCE:  $\pm 0.1\text{mm}$
- COATING: BBAR 245-400nm,  $R_{\text{avg}} < 0.5\%$  0° AOI ON OUTER OPTICAL SURFACES

FOR INFORMATION ONLY  
NOT FOR MANUFACTURING PURPOSES

|  |      |   |   |          |       |     |
|--|------|---|---|----------|-------|-----|
| DRAWING PROJECTION                                 |      |  |  |          |       |     |
|  | NAME | DATE  | D8.0 F=-12.0 UV Coat UVFS Plano-Concave   |          |       |     |
| DRAWN  | CWD  | 2022/5/18   | PC4008--12-UV   |          |       |     |
| APPROVAL   | ZSB  | 2022/5/18   | MATERIAL  | WEIGHT   | SCALE | REV |
| FOR INFORMATION ONLYNOT FOR MANUFACTURING PURPOSES |      |   | UV GRADE FUSED SILICA   | 0.0003kg |       | B   |