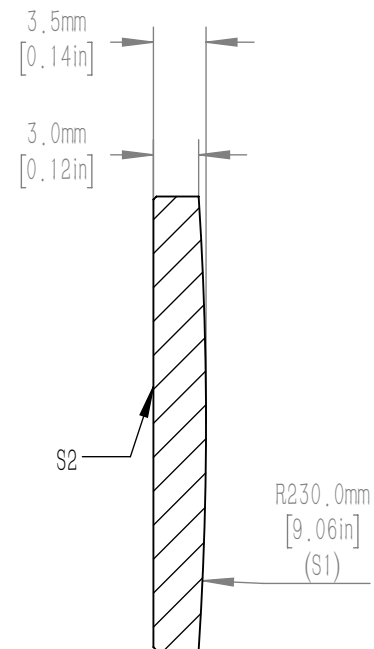




#### NOTES/SPECIFICATIONS:

1. WAVELENGTHS: 185–2100 nm
2. FOCAL LENGTH:  $f=499.9 \text{ mm} \pm 1\%$
3. BACK FOCAL LENGTH (REF):  $bf=497.5 \text{ mm}$
4. CLEAR APERTURE:  $> 90\%$  OF SURFACE DIMENSIONS
5. SURFACE QUALITY: 60/40
6. CENTRATION:  $< 3 \text{ arcmin}$
7. LENGTH AND HEIGHT TOLERANCE:  $+0.0/-0.1 \text{ mm}$
8. THICKNESS TOLERANCE:  $\pm 0.10 \text{ mm}$



SECTION A—A

FOR INFORMATION ONLY NOT FOR  
MANUFACTURING PURPOSES

|   |      |   |  |   |       |     |  |
|---|------|---|--|---|-------|-----|--|
| DRAWING<br>PROJECTION                                 |      |  |  |  |       |     |  |
|   | NAME | DATE  | H=30.0 L=45.0 F=500.0 UV Fused Silica Plano Convex<br>Cyl Lens |   |       |     |  |
| DRAWN   | CWD  | 2022/5/18   | PXY44530-500-1   |   |       |     |  |
| APPROVAL  | ZSB  | 2022/5/18   | MATERIAL   | WEIGHT  | SCALE | REV |  |
| FOR INFORMATION ONLYNOT FOR<br>MANUFACTURING PURPOSES |      |   | UV GRAND FUSED SILICA  | 0.00985kg   | 2:1   | A   |  |