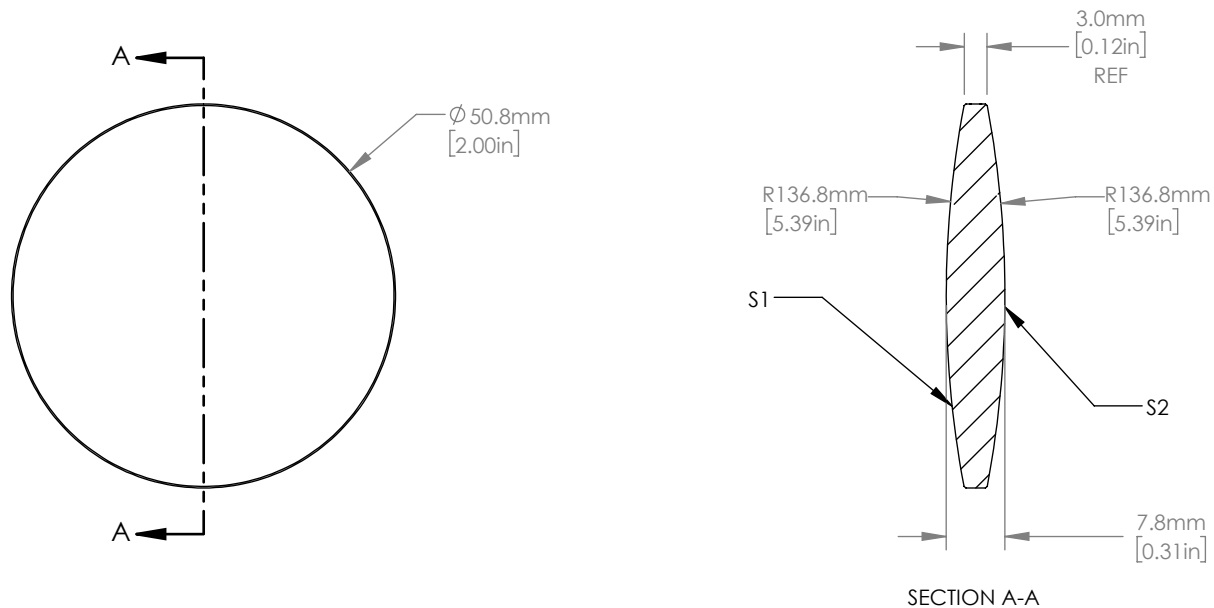




#### NOTES/SPECIFICATIONS:

1. DESIGN WAVELENGTH: 587.6 nm
2. FOCAL LENGTH:  $f=150.5\text{ mm} \pm 1\%$
3. BACK FOCAL LENGTH(REF):  $bf=147.8\text{ mm}$
4. CLEAR APERTURE:  $> \Phi 45.72\text{ mm}$
5. SURFACE QUALITY: 20-10 SCRATCH-DIG
6. CENTRATION:  $\leq 3\text{ arcmin}$
7. DIAMETER TOLERANCE:  $+0.0/-0.1\text{ mm}$
8. THICKNESS TOLERANCE:  $\pm 0.1\text{ mm}$
9. SURFACE IRREGULARITY:  $\leq \lambda/4$ , @633 nm
10. SPHERICAL SURFACE POWER:  $\leq 3\lambda/2$ , @633 nm
11. COATING(S1,S2): VAR R<0.25% PER SURFACE FOR 532 nm & 1064 nm,  $0^\circ$  AOI

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NOT FOR MANUFACTURING PURPOSES

|                                                       |      |                                                                                       |                                                                                       |         |       |     |
|-------------------------------------------------------|------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------|-------|-----|
| DRAWING<br>PROJECTION                                 |      |  |  |         |       |     |
|                                                       | NAME | DATE                                                                                  | F=150.0mm, D50.8UVFS Bi-Convex Lens, YAG coating                                      |         |       |     |
| DRAWN                                                 | CWD  | 2022/5/18                                                                             | EX4508-150-YAG                                                                        |         |       |     |
| APPROVAL                                              | ZSE  | 2022/5/18                                                                             | MATERIAL                                                                              | WEIGHT  | SCALE | REV |
| FOR INFORMATION ONLYNOT FOR<br>MANUFACTURING PURPOSES |      |                                                                                       | UV FUSED SILICA                                                                       | 0.024kg | 1:1   | A   |