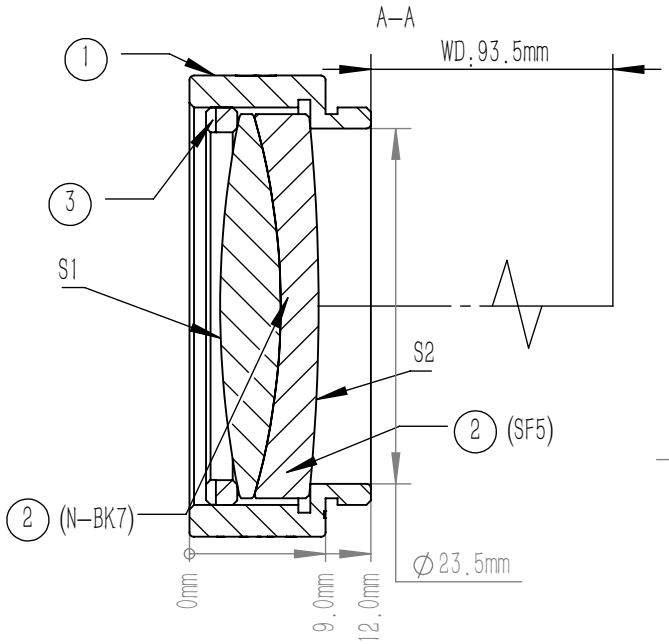


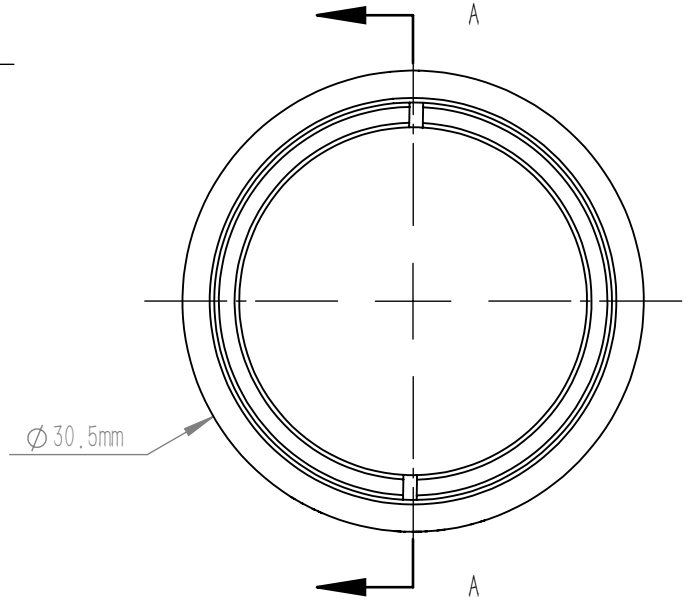



NOTES

1. DESIGN WAVELENGTH: 486.1 nm,587.6 nm & 656.3 nm
2. CLEAR APERTURE: >90%CA
3. OPERATION WAVELENGTH: 400 nm–700 nm
4. DIAMETER TOLERANCE: +0.0/–0.1 mm
5. THICKNESS TOLERANCE: ±0.1 mm
6. FOCAL LENGTH: 100.0 mm±1%@587.6 nm
7. BACK FOCAL LENGTH(REF): 97.1 mm
8. SURFACE QUALITY(S/D)(S1.S2): 40/20
9. SURFACE POWER(S1,S2): 3λ/2@632.8 nm
10. SURFACE IRREGULARITY(S1,S2): λ/4@632.8 nm
11. CENTRATION: <3 arcmin
12. CHAMFER: <0.2 mm,45°
13. COATING(S1,S2): AR COATING Ravg<0.5%@400 nm–700 nm

| | PART DESCRIPTION | MATERIAL |
|---|---|---|
| 1 | SM1–8A | ANODIZED ALUMINIUM |
| 2 | AD408–A | N–BK7 |
| | | SF5 |
| 3 | SM1R | ANODIZED ALUMINIUM |

DRAWING PROJECTION

LBTEK

| | NAME | DATE | MAD408–A | | | |
|---|---|---|---|---|---|---|
| DRAWN | BSHU | Aug./5th/24 | ∅ 25.4 mm,F=100.0 mm<br>ACHROMATIC DOUBLETS<br>AR COATING 400–700 nm | | | |
| APPROVAL | WCHENG | Aug./5th/24 | MATERIAL | WEIGHT | SCALE | REV |
| FOR INFORMATION ONLY<br>NOT FOR MANUFACTURING PURPOSES | | | N–BK7/SF5 | 39.75g | 2:1 | B |