



NOTES

1. DESIGN WAVELENGTH: 587.6 nm
2. OPERATION WAVELENGTH: 400 nm-700 nm
3. DIAMETER TOLERANCE: +0.0/-0.1 mm
4. THICKNESS TOLERANCE: ±0.1 mm
5. FOCAL LENGTH: 100.0 mm±1%
6. BACK FOCAL LENGTH(REF): 95.9 mm
7. CLEAR APERTURE: >90%CA
8. SURFACE QUALITY(S/D)(S1,S2): 40/20
9. SURFACE POWER(S2):  $3\lambda/2$  @ 632.8 nm
10. SURFACE IRREGULARITY(S2):  $\lambda/4$  @ 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 | PML10613-A       | N-BK7              |
| ③ | SM1R             | ANODIZED ALUMINIUM |

|  |        |              |  |             |       |     |
|--|--------|--------------|--|-------------|-------|-----|
| DRAWING PROJECTION                                     |        |              | <b>LBTEK</b>   |             |       |     |
|  |        |              |  |             |       |     |
|  |        | NAME         | DATE   | MPML10613-A |       |     |
| DRAWN  | BSHU   | Aug./12th/24 | Ø 25.4 mm, F=100.0 mm<br>POSITIVE MENISCUS LENS<br>AR COATING 400-700 nm |             |       |     |
| APPROVAL   | WCHENG | Aug./12th/24 | MATERIAL   | WEIGHT      | SCALE | REV |
| FOR INFORMATION ONLY<br>NOT FOR MANUFACTURING PURPOSES |        |              | N-BK7  | 21.31g      | 2:1   | B   |