



NOTES

1. MATERIAL: UVFS
2. CLEAR APERTURE: >90%CA
3. SURFACE QUALITY(S1,S2): 60/40(S/D)
4. WAVEFRONT ERROR(RMS): $\lambda/4@633\text{ nm}$ (SUBSTRATE)
5. PARALLELISM(S1,S2): <3 arcmin
6. ARROW POINTS TO THE FILTERING COATING
7. COATING:
 FILTERING(S1): $T_{\text{avg}} > 90\%$, $T_{\text{abs}} > 85\% @ 520-800\text{ nm}$, 45° AOI
 $R_{\text{avg}} > 95\%$, $R_{\text{abs}} > 90\% @ 380-490\text{ nm}$, 45° AOI
 AR COATING(S2): $R_{\text{abs}} < 2\% @ 520-800\text{ nm}$, 45° AOI

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|--|--------|--------------|---|--------|-------|-----|
| DRAWING PROJECTION | | | LBTEK | | | |
| | NAME | DATE | | | | |
| DRAWN | LZHOU | JUL./30th/24 | LONGWAVE DICHOIC MIRROR $\varnothing 50.8\text{ mm} \times 5\text{ mm}$, 505 nm | | | |
| APPROVAL | WCHENG | JUL./30th/24 | MATERIAL | WEIGHT | SCALE | REV |
| FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES | | | UVFS | 22.3 g | 1:1 | A |