



NOTES:

1. MATERIAL: UVFS
2. COATING (S1) : Nd:YAG LASER LINE COATING
 $R_{\text{abs}} > 99.5\% @ 266 \text{ nm}, 0^\circ - 45^\circ \text{ AOI}$
 $R_{\text{avg}} > 99\% @ 262 \text{ nm} - 268 \text{ nm}, 0^\circ - 45^\circ \text{ AOI}$
3. CLEAR APERTURE (S1, S2) : $> 85\%$ (CA)
4. SURFACE QUALITY (S1, S2) : 10/5 (S/D)
5. SURFACE FLATNESS (S1) : $\lambda / 10 @ 633 \text{ nm}$
6. PARALLELISM (S1, S2) : $< 3 \text{ arcmin}$
7. CHAMFER: $< 0.2 \text{ mm}, 45^\circ$
8. BACK SURFACE (S2) : POLISH

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|--|-------|--------------|--|--------|-------|-----|
| DRAWING PROJECTION | | | LBTEK | | | |
| | NAME | DATE | | | | |
| DRAWN | Lynne | FEB./21st/24 | Nd:YAG LASER LINE MIRROR $\phi 12.7 \text{ mm} \times 6 \text{ mm}, 266 \text{ nm}$ | | | |
| APPROVAL | CWZ | FEB./21st/24 | MATERIAL | WEIGHT | SCALE | REV |
| FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES | | | UVFS | 1.67 g | 4:1 | A |