



45°VIEW

NOTES

1. MATERIAL: UVFS
2. COATING(S1): AL(WITH SILICA PROTECTIVE LAYER)  
 $R_{avg} > 90\% @ 450 \text{ nm} - 2.0 \mu\text{m}, 0^\circ - 45^\circ \text{ AOI}$   
 $R_{avg} > 96\% @ 2.0 \mu\text{m} - 20.0 \mu\text{m}, 0^\circ - 45^\circ \text{ AOI}$
3. CLEAR APERTURE(S1):  $> 90\% \text{ CA}$
4. SURFACE QUALITY(S1): 40/20(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): FINE GROUND

DRAWING PROJECTION			<b>LBTEK</b>			
	NAME	DATE				
DRAWN	Lynne	FEB./25th/24	METAL-COATED PLANO MIRROR ELLIPSE: 18.0 mm x 12.7 mm, AL: 450 nm-20.0 μm			
APPROVAL	CWZ	FEB./25th/24	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			UVFS	2.37 g	3:1	A