



NOTES

1. CLEAR APERTURE: >90% mm
2. SURFACE QUALITY(S/D): 40/20
3. SURFACE FLATNESS(PV): $\lambda/4@633$ nm
4. COATING.
 SPLITTING COATING(S1): $T_{abs}=50 \pm 10\%$, $R_{abs}=50 \pm 10\%$, $T_{abs}+R_{abs}>99\%$,
 $|T_p-T_s|<40\%$, $|R_p-R_s|<40\%$, 900–2600 nm, 45° AOI
 AR COATING(S2): $R_{abs}<1.5\%$, 900–2600 nm, 45° AOI
5. ARROW POINTS TO THE SPLITTING COATING

DRAWING PROJECTION			LBTEK			
	NAME	DATE				
DRAWN	LTAN	Feb./18th/25	IR FLAT BEAM SPLITTER ϕ 12.7 mm, 900–2600 nm			
APPROVAL	WCHENG	Feb./18th/25	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			IR Fused Silica	1 g	4:1	A