



NOTES

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

DRAWING PROJECTION			LBTEK			
	NAME	DATE	BS2255–NIR			
DRAWN	LTAN	Feb./18th/25	IR FLAT BEAM SPLITTER $\phi 50.8$ mm x 8.0 mm, 900–2600 nm			
APPROVAL	WCHENG	Feb./18th/25	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			IR Fused Silica	35 g	1:1	A