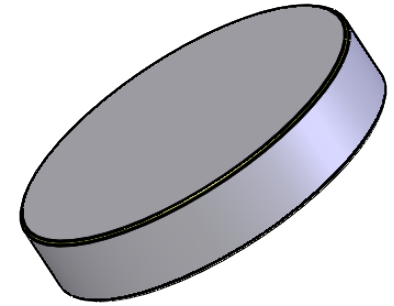
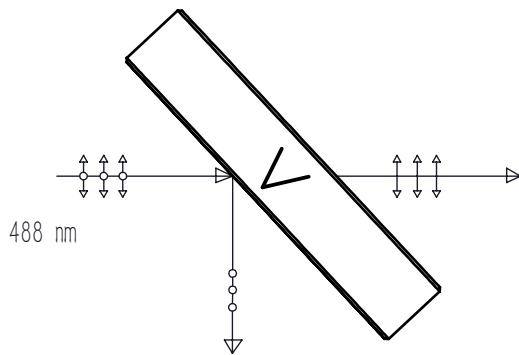


ARROW POINTS TO THE INCIDENT SURFACE



NOTES

1. MATERIAL: UVFS
2. CLEAR APERTURE: >90%
3. DESIGN WAVELENGTH: 488 nm
4. DIAMETER TOLERANCE: +0.0/-0.1 mm
5. THICKNESS TOLERANCE:  $\pm 0.1$  mm
6. EXTINCTION RATIO: >10000: 1
7. SURFACE QUALITY(S/D): 40/20
8. WAVEFRONT ERROR(RMS):  $\lambda/8@632.8$  nm
9. SURFACE FLATNESS:  $\lambda/4@632.8$  nm
10. SPILTING COATING(S1,S2): POLARIZATION SPILTING COATING  
P POLARIZATION TRANSMISSION:  $T_p > 93\% @ 488$  nm,  
S POLARIZATION TRANSMISSION:  $T_s < 0.5\% @ 488$  nm, AOI 45°
11. CHAMFER: 45° , <0.3 mm



DRAWING PROJECTION			<b>LBTEK</b>			
NAME	DATE					
			PBSF-24-488-SP			
DRAWN	LZHOU	Aug./12th/24	POLARIZATION FLAT BEAM SPLITTER $\varnothing 25.4$ mm x 5 mm, 488 nm			
APPROVAL	WCHENG	Aug./12th/24	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			UVFS	5.6 g	2:1	A