



NOTES

1. REFLECTION CUTOFF, TRANSMISSION START WAVELENGTH: 490 nm
2. CLEAR APERTURE: >90%CA
3. SURFACE QUALITY(S1, S2): 60/40(S/D)
4. WAVEFRONT ERROR(RMS): $\lambda/2@633$ nm
5. PARALLELISM(S1, S2): <3 arcmin
6. COATING:
 - FILTER COATING(S1): $T_{avg} > 90\%$, $T_{abs} > 85\% @ 505-800$ nm, 45° AOI
 - $R_{avg} > 95\%$, $R_{abs} > 90\% @ 380-475$ nm, 45° AOI
 - AR COATING(S2): $R_{abs} < 2\% @ 505-800$ nm, 45° AOI

DRAWING PROJECTION			LBTEK			
	NAME	DATE	DMR-490LP			
DRAWN	LZHOU	JUL./30th/24	LONGWAVE DICHOIC MIRROR L x W x H=36.0 mm x 25.0 mm x 1.0 mm, 490 nm			
APPROVAL	WCHENG	JUL./30th/24	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			UVFS	1.98 g	2:1	A