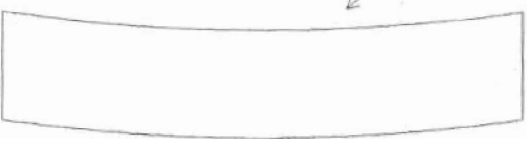


RADIUS	RAD TOL	IRR TOL	C. R. DIA	EDGE DIA	MATERIAL	THICK	THI TOL
-127.0000 CC	+ - 2 MM	SEE NOTE #6	36.2 MM	38.1000	MIRROR	0.0000	
-127.0000				38.1000	F_SILICA	8.0000	+ - 0.3 MM
-139.1438 CX	+ - 3 MM	SEE NOTE #6	36.2 MM				

1. ALL DIMENSIONS IN MILLIMETERS
 2. MATERIAL IS FUSID SILICA

127 MM RADIUS SURFACE

3. RADIUS AND THICKNESS TOLERANCES IN MM
4. -127 MM RADIUS SURFACE IS A PARABOLOID (CONIC CONST. K = -1)
 -139 MM RADIUS SURFACE IS A SPHERE
5. -127 MM SURFACE IS THE CONCAVE GLASS SURFACE
6. -127 MM SURFACE QUALITY LAMBDA/20 RMS OVER C.R. (95% OF DIAMETER)
 -139 MM SURFACE QUALITY LAMBDA/10 RMS OVER C.R.
7. CENTER TO CENTER THICKNESS 8.0 MM + - 0.3 MM
8. BEVEL EDGES TO 1 MM MAX EDGE WIDTH
9. COATINGS
 -127 MM SURFACE MULTILAYER HIGH-REFLECTIVITY COATING FOR 589.2 NM LASER
 (REFLECTANCE > 99.5% IN AIR)
 -139 MM SURFACE ANTI-REFLECTION COATED FOR 589.2 NM LASER
 (REFLECTANCE < 0.5% IN AIR)
10. WILL BE USED IN MANGIN CONFIGURATION (EG COMBINATION LENS AND MIRROR.
 LIGHT ENTERS RE COATED LENS FACE, REFLECTS INTERNALLY OFF OF MIRROR,
 AND EXITS THROUGH LENS FACE. -139 MM SURFACE IS PASSED THROUGH TWICE.)



10.00 MM

TITLE			
PALMAD LIT OPTION			
DATE	SCALE	DRAWN	APPRV
JUN 11 2003	2.0000:1		R. DEKANY
PROJECT		REVISION	
PALMAD		1.2	
DRAWING			