

NOTES:

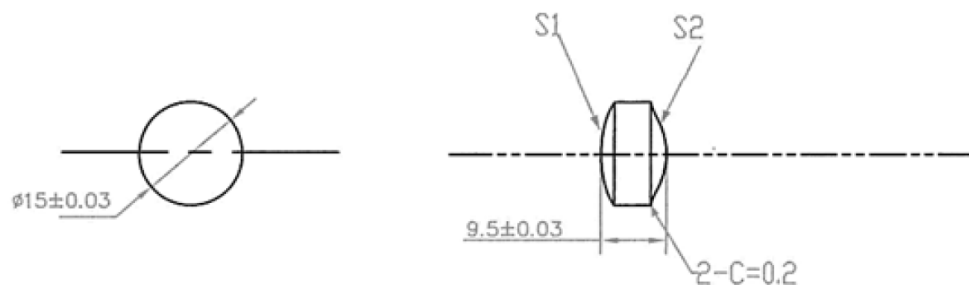
1. MATERIAL:K-VC89
Nd:1.80470±0.0007 ; Vd:40.9±0.8%
2. INTERPRET OPTICAL TOLERANCES PER ISO 10110
3. COAT TWO SURFACES AS FOLLOW
Tave>96% AT 420-450nm
Tave>98% AT 450-680nm
Tabs>95% AT 420-450nm
Tabs>96% AT 450-680nm
4. Coatings test methods follow ISO9211-4
Abrasion : degree of severity 04 x 1
Adhesion : degree of severity 03 x 3
5. SURFACE QUALITY:80-50,SCRATCH AND DIG PER MIL-PRF-13830B
6. ASPHERICAL COEFFICIE

Sag Table

$$Z=\{(1/R)Y^2/[(1+\text{SQRT}(1-(1+K)(Y/R)^2))]\}+AY^4+BY^6+CY^8+DY^{10}$$

R1 = 18.71414	R2 = -8.938364
K1 = 0	K2 = -10.349567
A1 = -2.9791886E-005	A2 = -0.00075257392
B1 = 3.2474899E-006	B2 = 9.4998426e-006
C1 = -1.4615231E-008	C2 = 9.3541716e-009
D1 = 0	D2 = 0

Y-coord	S1 Sag	S2 Sag
0.000000E+00	0.000000E+00	0.000000E+00
3.625000E-01	3.510704E-03	-7.335617E-03
7.250000E-01	1.404104E-02	-2.917054E-02
1.087500E+00	3.158833E-02	-6.504997E-02
1.450000E+00	5.615688E-02	-1.143880E-01
1.812500E+00	8.777077E-02	-1.766394E-01
2.175000E+00	1.264912E-01	-2.514267E-01
2.537500E+00	1.724379E-01	-3.385913E-01
2.900000E+00	2.258133E-01	-4.381664E-01
3.262500E+00	2.869289E-01	-5.502902E-01
3.625000E+00	3.562334E-01	-6.750724E-01
3.987500E+00	4.343394E-01	-8.124309E-01
4.350000E+00	5.220490E-01	-9.619032E-01
4.712500E+00	6.203758E-01	-1.122439E+00
5.075000E+00	7.305620E-01	-1.292169E+00
5.437500E+00	8.540873E-01	-1.468163E+00
5.800000E+00	9.926691E-01	-1.646152E+00
6.162500E+00	1.148251E+00	-1.820239E+00
6.525000E+00	1.322976E+00	-1.982579E+00
6.887500E+00	1.519144E+00	-2.123028E+00
7.250000E+00	1.739147E+00	-2.228769E+00



SY 上陽光學
SUN YANG OPTICS

TITLE: 15mm Dia., 9.5mm Thk.
Aspheric Lens

Material:	Surface Finish:		Sheet:
See note	See Note		
Scale:	Unit:	Size:	Sheet:
free	mm	A4	1/1
Stock No.	1G004	Rev.	01