

NOTES:

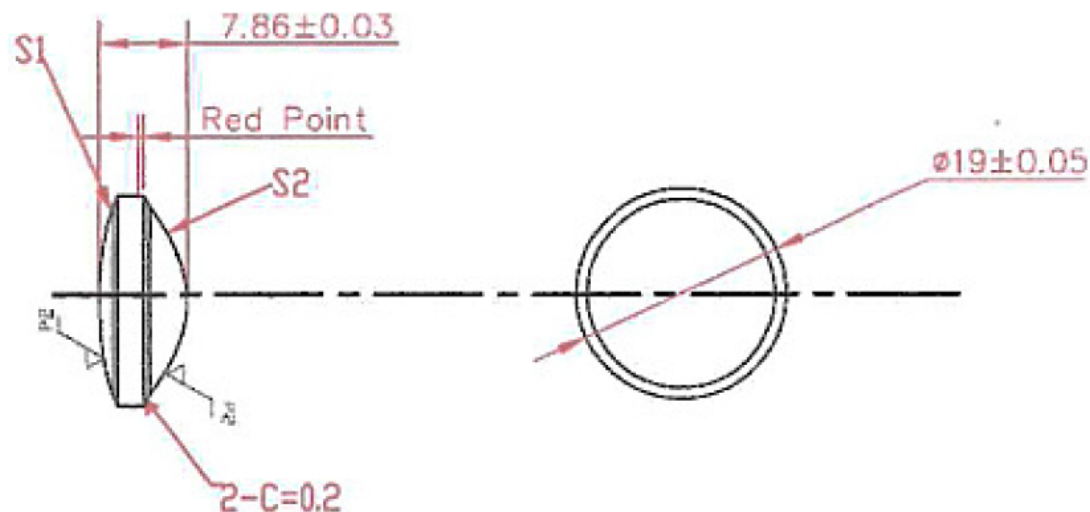
1. MATERIAL:L-LAH84M
Nd:1.8043±0.0007 ; Vd:40.1817±0.8%
2. INTERPRET OPTICAL TOLERANCES PER ISO 10110
3. COAT TWO SURFACES AS FOLLOW
Tave>96% AT 420-450nm
Tave>98% AT 450-680nm
Tabs>95% AT 420-450nm
Tabs>96% AT 450-680nm
4. Coatings test methods follow ISO9211-4
Abrasion : degree of severity 04 x 1
Adhesion : 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 =38.71509	R2 =-8.531831
K1 =0.1667415	K2 =-7.435306
A1 =-3.3070133E-005	A2 =-4.3848373E-004
B1 =1.4075813E-006	B2 =3.3359068E-006
C1 =1.8201225E-009	C2 =-9.0324054E-010
D1 =-7.4914628E-011	D2 =-2.5839818E-011

Y-coord	S1 Sag	S2 Sag
0.000000E+00	0.000000E+00	0.000000E+00
5.000000E-01	3.226827E-03	-1.459830E-02
1.000000E+00	1.288571E-02	-5.779824E-02
1.500000E+00	2.891983E-02	-1.280647E-01
2.000000E+00	5.126107E-02	-2.235080E-01
2.500000E+00	7.987020E-02	-3.424720E-01
3.000000E+00	1.147930E-01	-4.838890E-01
3.500000E+00	1.562312E-01	-6.473540E-01
4.000000E+00	2.046254E-01	-8.329840E-01
4.500000E+00	2.607431E-01	-1.041150E+00
5.000000E+00	3.257618E-01	-1.272149E+00
5.500000E+00	4.013299E-01	-1.525852E+00
6.000000E+00	4.895792E-01	-1.801358E+00
6.500000E+00	5.930547E-01	-2.096672E+00
7.000000E+00	7.145108E-01	-2.408419E+00
7.500000E+00	8.565101E-01	-2.731626E+00
8.000000E+00	1.020742E+00	-3.059597E+00
8.500000E+00	1.206950E+00	-3.383924E+00
9.000000E+00	1.411347E+00	-3.694665E+00
9.500000E+00	1.624342E+00	-3.980774E+00



SV 上陽光學
SUN YANG OPTICS

Material:	Surface Finish:		TITLE: 19mm Dia., 7.86mm Thk. Aspheric Lens		
See note	See Note				
Scale:	Unit:	Size:	Sheet:	Stock No.	Rev.
free	mm	A4	1/1	1G006	01