NOTES:

1. MATERIAL:480R
   Nd：1.525120 ± 0.0005
   Vd：56.281563 ± 0.8%

2. INTERPRET OPTICAL TOLERANCES PER ISO 10110

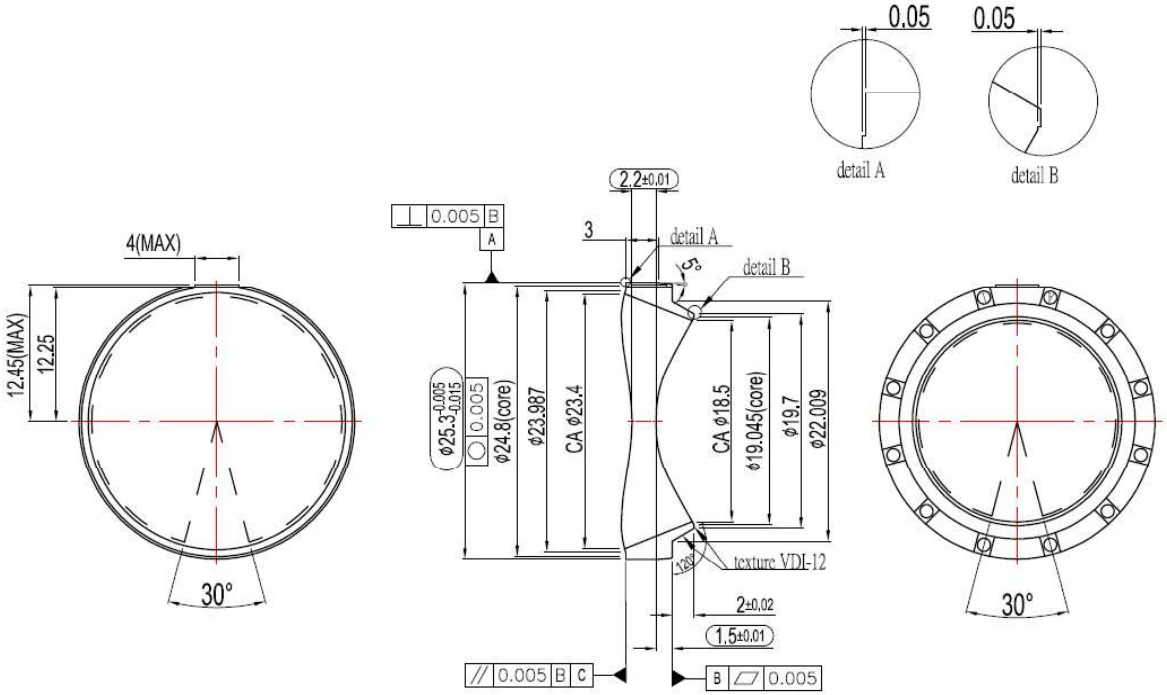
3. Coat R1 & R2 sirface as follows：
   Rabs ＜ 0.7% AT 450-650nm
   Rabs ＜ 1.5% AT 650-750nm
   450nm T ＞ 98.0% (FAI check)
   540nm T ＞ 98.5% (FAI check)
   630nm T ＞ 98.5% (FAI check)

4. Coatings test methods follow ISO9211-4
   Abrasion：degree of severity 01 x 1
   Adhesion：degree of severity 03 x 3

5. SURFACE QUALITY:60-40,SCRATCH AND DIG PER MIL-PRF-13830B

6. Coating area > CA+0.1mm

7. ⬭ The main inspection dimension



8.ASPHERICAL COEFFICIE

$$z = \frac{cy^2}{1+\sqrt{1-(1+K)c^2y^2}} + Ay^4+By^6+Cy^8+Dy^{10}+Ey^{12}+Fy^{14}+Gy^{16}$$

ASPH	L1R1	L1R2
Radius	-18.35457745	15.54134631
Conic	0.00000000	1.34439064
4TH	3.13529680E-04	5.16421720E-04
6TH	-2.38068118E-06	-6.25508542E-06
8TH	2.31707783E-08	-2.49228500E-07
10th	-1.77694427E-10	7.84897139E-09
12th	1.02064268E-12	-1.04992314E-10
14th	-3.71842945E-15	7.18809272E-13
16th	6.48519201E-18	-2.09425115E-15

Sag	L1R1	L1R2
0	0	0
1.5	-0.059835	0.075324
3.0	-0.223028	0.332212
4.5	-0.448027	0.825443
6.0	-0.682998	1.537511
7.5	-0.875673	2.353108
9.0	-0.973068	3.177663
10.5	-0.912169	--
12.0	-0.587757	--

9.SURFACE ACCURACY

Item		R1	R2
Design R	P-V	<3um	<2.4um
	Profile	∩ non-bendable	∪ non-bendable
Best Fit R	P-V	<1um	<0.8um
	Profile	M bend once	W bend once
AS		<0.5um	<0.3um
Roughness		<10nm	<10nm
Surface Decenter		< 5um	
Surface Tilt		< 60"	
Decenter & Tilt		<5um (A,B)	<5um (A,B)

SY 上暘光學 SUN YANG OPTICS

Material:	Surface Finish:		
See note	See Note		
Scale:	Unit:	Size:	Sheet:
free	mm	A4	1/1

TITLE: 25.3mm Dia., 2.2mm Thk. Plastic Lens

Stock No. 1H004 Rev. 01