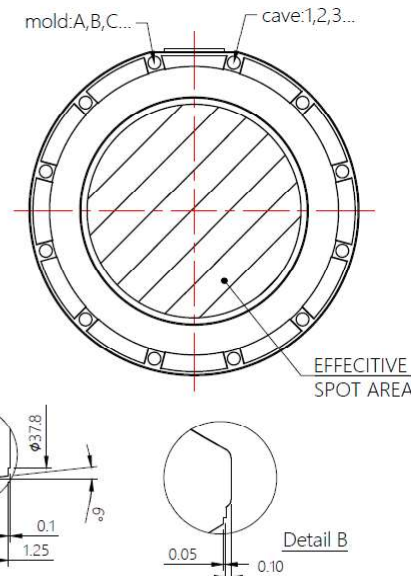
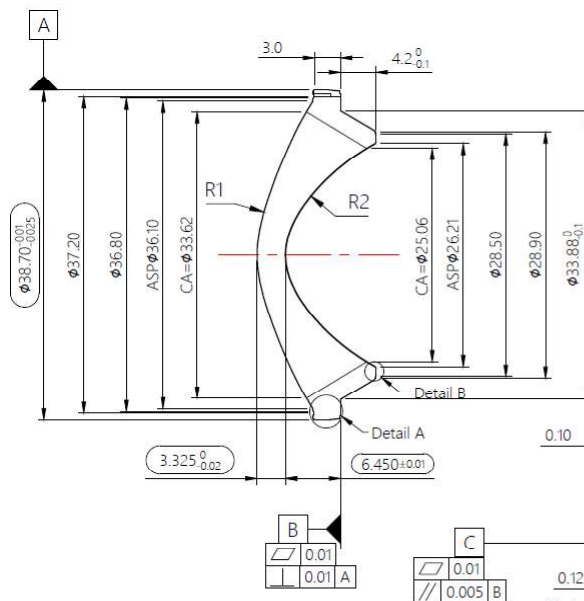
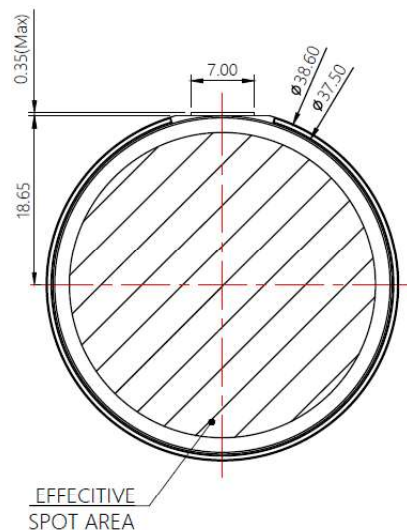




NOTES:

1. MATERIAL:480R

Nd : 1.525120 ± 0.0005

Vd : 56.281538 ± 0.8%

2. INTERPRET OPTICAL TOLERANCES PER ISO 10110

3. Coat P1R1 surface as follows :

Rabs < 0.9% AT 440nm-490nm

Rabs < 0.7% AT 490nm-700nm

Rabs < 1.7% AT 700nm-750nm

Coat P1R2 surface as follows :

Rabs < 1.2% AT 450nm-680nm

Rabs < 1.2% AT 480nm-550nm

Rabs < 0.85% AT 680nm

T>97.5% AT 450nm ; T>98.5% AT 550nm

T>98.5% AT 630nm

4. Coatings shall meet adhesion using CT-18 tape

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

6. The main inspection dimension

7.ASPHERICAL COEFFICIE

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

ASPHERICAL DATA		
ASPH	P1R1	P1R2
Radius	14.64699076	7.40779683
Conic	-0.49773554	-1.76905686
4TH	-1.59014372E-04	8.16834081E-05
6TH	6.42888295E-07	-4.43145750E-07
8TH	-1.84487344E-09	4.78847410E-09
10th	9.45781832E-13	-9.22242311E-13
12th	9.61733685E-15	-2.89656473E-13
14th	-2.70084315E-17	2.00218258E-15
16th	2.00722730E-20	-4.23128268E-18

Sag(mm)			
Semi-Dia	P1R1	Semi-Dia	P1R2
0	0.00000	0	0.00000
2.14	0.15348	1.60	0.17180
4.29	0.58511	3.20	0.67614
6.43	1.21568	4.80	1.48575
8.58	1.97559	6.40	2.57140
10.72	2.81818	8.00	3.91966
12.86	3.74559	9.60	5.54883
15.01	4.78720	11.20	7.52244
17.15	5.97309	12.75	9.89964

8.SURFACE ACCURACY

Item	R1	R2
Accuracy (P-V)	<4um	<4um
Best Fitting (P-V)	≤ 1/3 R1 Accuracy	≤ 1.4um
AS	≤1um	≤1.2um
Roughness (Ra)	<10nm	<10nm
Profile	PV analysis table	
Surface Decenter (UA3P)	<6um	
Surface Tilt(UA3P)	<60"	
Surface Decenter (Trioptics,R1,R2面偏)	<7.5um	

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

SY 上陽光學
SUN YANG OPTICS

TITLE: 38.7mm Dia., 3.235mm Thk.
Plastic Lens

Stock No. 1H010 Rev. 01