



Isometric view1: 1

**Notes:**

1. Materials: N-BK7
2. Design Wavelength: 587.6nm
3. Focal Length:  $f = -50.0\text{mm} \pm 1\%$
4. Back Focal Length(REF):  $bf = -51.78\text{mm}$
5. Centration error:  $\leq 2$  arc min
6. Clear aperture:  $\geq 90\%$
7. G - Fine ground surface
8. Coating: AR/AR@700~1100nm(REFER TO COATING CURVES)
9. All dimensions are in mm

Parameters			<b>SHALOM EO</b> www.shalomeo.com	BK7 Plano-concave D=12.7 F=-50 With AR@700~1100nm Coating					
	S1	S2							
Shape	Convex	Plano							
Radius of curvature	-25.84	Infinity							
Surface quality	40/20 S/D	40/20 S/D	Proprietary	Name	Date	Part number	Rev	Scale	
Surface Irregularity	$\lambda/4@632.8\text{nm}$	$\lambda/4@632.8\text{nm}$	The drawing is property of Hangzhou Shalom EO, any reproduction in part or as a whole without permission is prohibited.	DRAWN	YSF	27/Apr/20	1103-011	A	4:1
Power(P-V)	$3\lambda/2@632.8\text{nm}$	$\lambda/2@632.8\text{nm}$		APPROVAL	JT	27/Apr/20			
Protective chamfers	0.2mm x 45°	0.2mm x 45°							