



Isometric view1: 1

Notes:

1. Materials: N-BK7
2. Design Wavelength: 587.6nm
3. Focal Length: $f = -70.0\text{mm} \pm 1\%$
4. Back Focal Length(REF): $bf = -71.78\text{mm}$
5. Centration error: ≤ 2 arc min
6. Clear aperture: $\geq 90\%$
7. G - Fine ground surface
8. Coating: AR/AR@1100~1650nm(REFER TO COATING CURVES)
9. All dimensions are in mm

| Parameters | | | SHALOM EO www.shalomeo.com | BK7 Plano-concave D=25.4 F=-70 With AR@1100~1650nm Coating | | | | | |
|----------------------|-----------------------------|----------------------------|---|---|------|-------------|----------|-------|-----|
| | S1 | S2 | | | | | | | |
| Shape | Convex | Plano | | | | | | | |
| Radius of curvature | -36.18 | 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 | 07/May/20 | 1103-020 | A | 2:1 |
| Power(P-V) | $3\lambda/2@632.8\text{nm}$ | $\lambda/2@632.8\text{nm}$ | | APPROVAL | JT | 07/May/20 | | | |
| Protective chamfers | 0.2mm x 45° | 0.2mm x 45° | | | | | | | |