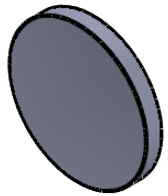
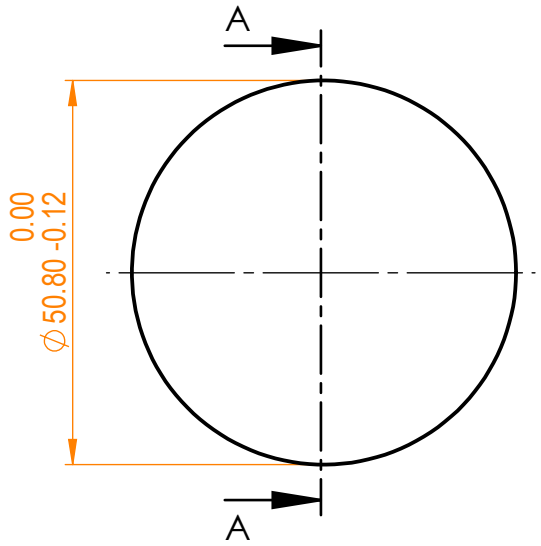
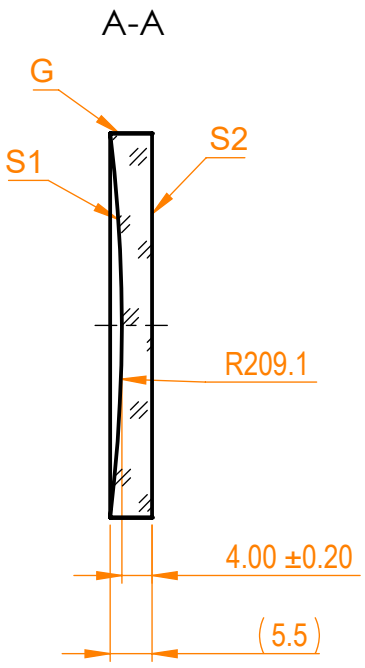
NOTES:
1. Material: CaF2;
2. Design wavelength: 2940 nm;
3. Focal length: F=-500 mm ± 2%;
4. Centration error: ≤ 3 arcmin;
5. G - Fine ground surface;
6. All dimensions are in mm;



Isometric view 2:1




Specifications are subject to change without notice
Dimensions are for reference only

| Parameters | | |
|---|---|---|
| | S1 | S2 |
| Shape | Concave | Plano |
| Radius of curvature | 209.1 | Infinity |
| Surface quality | 40-20 s/d | 40-20 s/d |
| Surface irregularity | λ/8 @632.8 nm | λ/8 @632.8 nm |
| Clear aperture | ≥90% | ≥90% |
| Protective chamfers | 0.2 - 0.3 mm x 45° | 0.2 - 0.3 mm x 45° |

Eksma Optics
info@eksmaoptics.com
www.eksmaoptics.com

CaF2 pl/cv lens, D=50.8 mm, F=-500 mm

Proprietary
The information in this drawing is property of EKSMA Optics. Any reproduction in part or as a whole without the written permission of EKSMA Optics is prohibited.

| | Name | Date | Part number | Rev. | Scale |
|---|---|---|---|---|---|
| Approved | A.K. | 2019.07.25 | 112-5530E | A | 1:1 |
| Drawn | M.B. | 2019.07.25 | | | |