### Parameters

<table>
<thead>
<tr>
<th></th>
<th>S1</th>
<th>S2</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Shape</strong></td>
<td>Convex</td>
<td>Plano</td>
</tr>
<tr>
<td><strong>Surface quality</strong></td>
<td>40-20 s/d</td>
<td>40-20 s/d</td>
</tr>
<tr>
<td><strong>Surface irregularity</strong></td>
<td>-</td>
<td>λ/4 @632.8 nm</td>
</tr>
<tr>
<td><strong>Asphere figure error P-V</strong></td>
<td>±1 µm</td>
<td>-</td>
</tr>
<tr>
<td><strong>Surface form deviation RMS</strong></td>
<td>≤0.5 µm</td>
<td>-</td>
</tr>
<tr>
<td><strong>Protective chamfers</strong></td>
<td>0.2 - 0.3 mm x 45°</td>
<td>0.2 - 0.3 mm x 45°</td>
</tr>
</tbody>
</table>

### Notes:
1. Material: N-BK7;
2. Design wavelength: 780 nm;
3. Focal length: F=+50 mm ± 0.05%;
4. Centration error: ≤ 3 arcmin;
5. G - Fine ground surface;
6. All dimensions are in mm;
7. Clear aperture: ≥ 90%;

### Isometric view 1:1

\[
z = \frac{Y^2}{R(1 + \sqrt{1 - (1 + k)Y^2/R^2})} + A_4Y^4 + A_6Y^6
\]

\[6.00 ±0.05\]

### Specifications
- Dimensions are for reference only.
- Specifications are subject to change without notice.
- Clear aperture: ≥ 90%.

### Proprietary
- N-BK7 pl/cx aspheric lens, D=25 mm, F=50 mm

### Information
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### Contact
- info@eksmaoptics.com
- www.eksmaoptics.com