### NOTES:
1. Material: UVFS;
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%;

### Parameters

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

### UVFS pl/cx aspheric lens,
D=25.4 mm, F=50 mm

#### Specifications
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- Design wavelength: 780 nm
- Focal length: F=+50 mm ± 0.05%
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- All dimensions are in mm
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### Notes
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### Dimensions

- Diameter: 25.4 mm ± 0.05 mm
- Thickness: 1.1375E-06 mm ± 1.41557E-13 mm
- Radius: 5.00 mm ± 0.05 mm

### Isometric View

- Isometric view 1:1

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Dimensions are for reference only.

Specifications are subject to change without notice.