1. Material: N-BK7;
2. G - Fine ground surface;
3. All dimensions are in mm;
4. Parallelism: <30 arcsec;
5. Protective chamfers: 0.3 mm x 45°;
6. Laser Induced Damage Threshold: >2 J/cm² at @1064nm, 10Hz, 8nsec pulses;

### Parameters

<table>
<thead>
<tr>
<th>Parameters</th>
<th>S1</th>
<th>S2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shape</td>
<td>Plano</td>
<td>Plano</td>
</tr>
<tr>
<td>Radius of curvature</td>
<td>Infinity</td>
<td>Infinity</td>
</tr>
<tr>
<td>Surface flatness</td>
<td>λ/10 @633nm</td>
<td>λ/10 @633nm</td>
</tr>
<tr>
<td>Surface quality</td>
<td>20-10 s/d</td>
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</tr>
<tr>
<td>Clear aperture</td>
<td>≥85%</td>
<td>≥85%</td>
</tr>
<tr>
<td>Coating</td>
<td>HR*(s+p)/2&gt;99.5%@1064nm, HT*(s+p)/2&gt;85%@808nm, AOI=45°</td>
<td>AR&lt;0.5%@1064nm, AOI=45°</td>
</tr>
</tbody>
</table>

### Specifications

- Material: N-BK7
- Shape: Plano, Plano
- Radius of curvature: Infinity, Infinity
- Surface flatness: λ/10 @633nm, λ/10 @633nm
- Surface quality: 20-10 s/d, 20-10 s/d
- Clear aperture: ≥85%, ≥85%
- Coating: HR*(s+p)/2>99.5% @1064nm, HT*(s+p)/2>85% @808nm, AOI=45°, AR<0.5% @1064nm, AOI=45°

### Notes

1. Material: N-BK7
2. G - Fine ground surface
3. All dimensions are in mm
4. Parallelism: <30 arcsec
5. Protective chamfers: 0.3 mm x 45°
6. Laser Induced Damage Threshold: >2 J/cm² at @1064nm, 10Hz, 8nsec pulses

### Notes

- Dimensions are for reference only
- Specifications are subject to change without notice
- LASER INDUCED DAMAGE THRESHOLD: >2 J/cm² at @1064nm, 10Hz, 8nsec pulses

### Drawn

- Drawn: 2020.09.11
- Approved: 2020.09.11
- Name: V.S.
- Date: 2020.09.11
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