偏振片参数

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Material** | **CaF2** | | **BaF2** | | **ZnSe** | | **KRS-5** | |
| **Wavelength** | 3µm | 8µm | 3µm | 10µm | 3µm | 10µm | 3µm | 15µm |
| **Typical Extinction Ratio** | 100:1 | 250:1 | 100:1 | 300:1 | 100:1 | 300:1 | 100:1 | 200:1 |
| **Wire Grid Spacing** | 2400 Grooves/mm | | 2400 Grooves/mm | | 2400 Grooves/mm | | 2400 Grooves/mm | |
| **Parallelism** | <= 3 arcmin | | <= 3 arcmin | | <= 3 arcmin | | <= 3 arcmin | |
| **Substrate Thickness** | 2mm nominal | | 2mm nominal | | 2mm nominal | | 2mm nominal | |
| **Ring Thickness** | 5.0mm +/- 0.1mm | | 5.0mm +/- 0.1mm | | 5.0mm +/- 0.1mm | | 5.0mm +/- 0.1mm | |
| **Dimensonal Tolerance** | +/- 0.5mm | | +/- 0.5mm | | +/- 0.5mm | | +/- 0.5mm | |
| **Damage Threshold** | 10W/cm² CW  10KW/cm² Pulsed | | 10W/cm² CW  10KW/cm² Pulsed | | 10W/cm² CW  10KW/cm² Pulsed | | 10W/cm² CW  10KW/cm² Pulsed | |

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