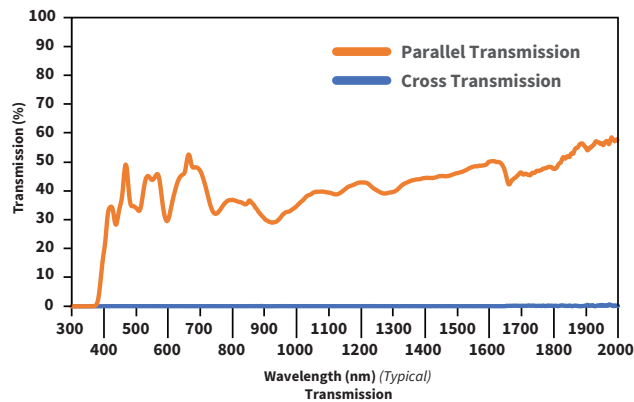




POLARIZERS

Pi1000 Series Wire-Grid Polarizer Filters are effective in both the visible and SWIR range, from 400-2000nm, and are useful for reducing specular glare. Wire-Grid Polarizer Filters can be mounted to the lens and LED light source, have an average contrast ratio of up to 8,000:1 and have an operating temperature rating of 100° C per 1,000 hours.

PART #	DESCRIPTION	USEFUL RANGE	CONTRAST RATIO
PS1000	VIS/SWIR Wire Grid Linear Polarizer Film	400-2000nm	Up to 8000:1
PSA1000	VIS/SWIR Wire Grid Linear Polarizer Film with Adhesive Back	400-2000nm	Up to 8000:1
PR1000	VIS/SWIR Wire Grid Linear Polarizer Mounted Filter	400-2000nm	Up to 8000:1
PG1000	VIS/SWIR Wire Grid Linear Polarizer Unmounted Filter	400-2000nm	Up to 8000:1



WAVELENGTH	CONTRAST RATIO
450nm	2050: 1
550nm	4250: 1
650nm	8300: 1
850nm	1000: 1
1450nm	1000: 1
2000nm	1000: 1

DETAILED DESIGN

