PG120 Linear Polarizer

ULTRA HIGH CONTRAST GLASS LINEAR POLARIZER SHEET FOR CHALLENGING ENVIRONMENTS

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The **PG120 Ultra High Contrast Glass Linear Polarizer** is designed to reduce specular glare, increase color saturation and improve overall image quality when inspecting highly reflective surfaces in harsh, high temperature environments. This innovative glass polarizer solves the temperature sensitivity issues that are common with standard polarizing films, which typically fail or curl when introduced to high temperatures for a extended period of time. The PG120 is ideal for high-temperature-emitting LEDs and can be custom sized for any light source up to 405 x 635mm.

The PG120 has an anti-reflection oleophobic coating to maximize transmission while repelling dirt and oil–making it the perfect polarizer for industrial imaging.

Useful Range: 400-700nm
Thickness: 2.5mm
Contrast Ratio: 10,000:1
Temperature: 115°C for 240 hours
Surface Quality: 80/50

Mount and Size Options:
- Sheet Size (PG120) up to 405 x 635mm
- Rotating mount sizes (PR120) M22.5-M105

PG120 CAN WITHSTAND HIGHER TEMPERATURES THAN TYPICAL FILM



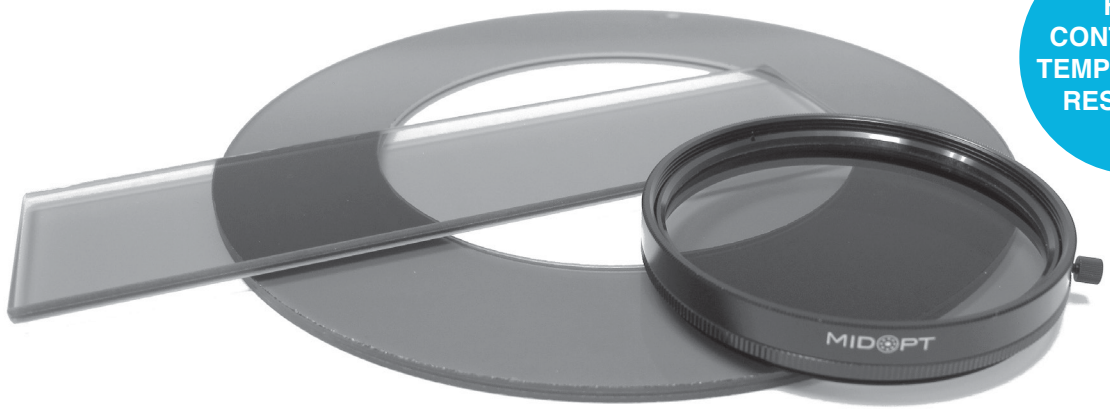
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Traditional polarizer film when exposed to high temperatures

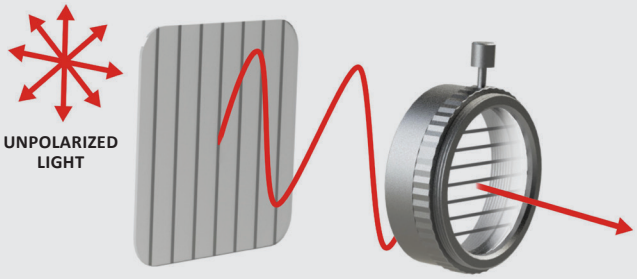


High-temperature-emitting LED



HIGH CONTRAST & TEMPERATURE RESISTANT

› HOW IT WORKS



LINEAR POLARIZING FILM
(for Light Source)

LINEAR POLARIZING FILTER
(for Lens) Rotate perpendicular to the axis of polarization of the Linear Polarizing Film for maximum glare reduction.



No Filter | *Polarizing Filter* | *Polarizing Filter & Film*

Best results are achieved when Polarizing Film is used over the light source in conjunction with a Polarizing Filter over the camera lens.