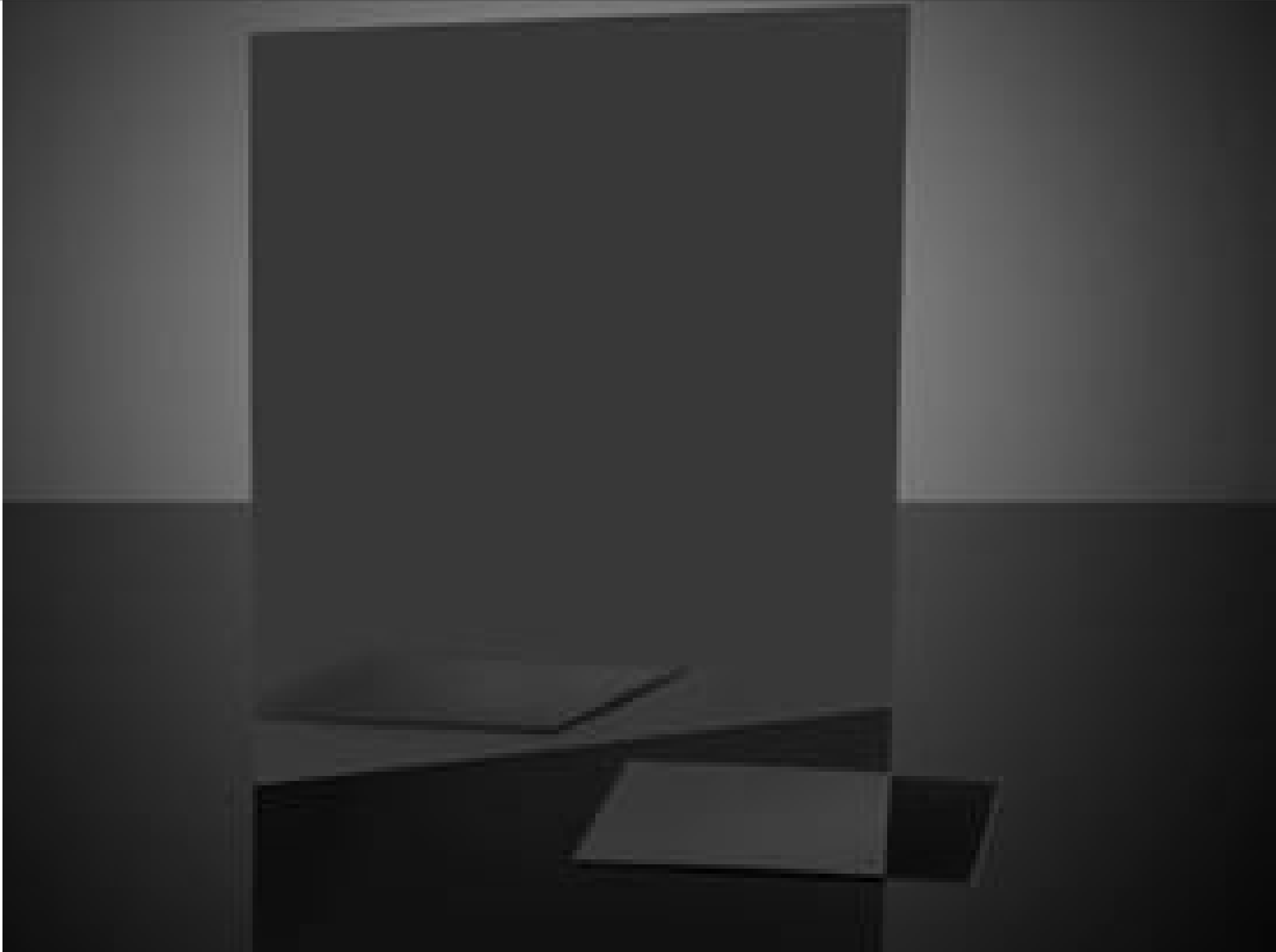


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SUBMIT



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Extinction Ratio:

up to 9000:1 (nominal at 555nm)

Substrate:

☐ Polymer Film XP42-100

Operating Temperature (°C):

-10 to +60

Dimensions (mm):

100.0 x 100.0

Thickness (mm):

1.02 ±0.25

|                                                                                                                                                                                                                                                  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Transmission (%)</b> :<br>Single: 42 ±2<br>Parallel: 36.4<br>Crossed: <0.004 (nominal at 555nm)                                                                                                                                               |
| <b>Type</b> :<br>Linear Polarizer                                                                                                                                                                                                                |
| <b>Dimensional Tolerance (mm)</b> :<br>+1.0/-1.0                                                                                                                                                                                                 |
| <b>Construction</b> :<br>Polarizing Film on PMMA                                                                                                                                                                                                 |
| <b>Note</b> :<br>Polarization axis can be identified as follows:<br>Circular Parts - Parallel to direction of notch on polarizer<br>Square Parts - Parallel to mark on protective film<br>Rectangular Parts - Parallel to first listed dimension |
| <b>Wavelength Range (nm)</b> :<br>400 - 700                                                                                                                                                                                                      |
| <b>Polarization Efficiency (%)</b> :<br>>99.98 (nominal at 555nm)                                                                                                                                                                                |
| <b>Transmission Variance after 1000 Hours (%)</b> :<br><±5                                                                                                                                                                                       |
| <b>Operating Humidity</b> :<br>≤80% (no condensation)                                                                                                                                                                                            |
| <b>#Sorting</b> :<br>71.00                                                                                                                                                                                                                       |

Regulatory Compliance

|                                                             |
|-------------------------------------------------------------|
| <b>RoHS 2015</b> :<br><a href="#">Compliant</a>             |
| <b>Certificate of Conformance</b> :<br><a href="#">View</a> |
| <b>Reach 235</b> :<br><a href="#">Compliant</a>             |