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## LPNIRE100-B

Polarizer by [Thorlabs Inc](#)



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The LPNIRE100-B from Thorlabs Inc is a Polarizer with Wavelength Range 600 to 1100 nm, Polarizer Diameter 25.4mm(1 Inch), Thickness 3.4 mm. More details for LPNIRE100-B can be seen below.

### Product Specifications

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Product Details	
Part Number	LPNIRE100-B
Manufacturer	Thorlabs Inc
Description	Ø1" Linear Polarizer with N-BK7 Windows, 600-1100 nm
General Parameters	
Polarizer Type	Linear Polarizers
Polarizer Shape	Round
Wavelength Range	600 to 1100 nm
Polarizer Diameter	25.4mm(1 Inch)
Diameter Tolerance	±0.2 mm
Thickness	3.4 mm
Thickness Tolerance	±0.2 mm
Coating Material	Dichroic Film
Angle of Incidence	0 Degree
Polarization Extinction Ratio	400:1
Substrate/Material	N-BK7
Surface Quality	60-40 scratch-dig
Transmitted Wavefront Distortion	1.5λ Over Clear Aperture
RoHs	Yes
Note	Acceptance Angle:-±30 Degree, Reflectance 0.5% at 0° AOI
Technical Documents	
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