

50mm Dia. Left-Handed Uncoated Glass Circular Polarizer (CP42HE)



Stock **#19-931** **4 In Stock**

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1

+

C\$130^{.90}

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Volume Pricing	
Qty 1-9	C\$130.90 each
Qty 10-25	C\$118.44 each
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General

Type:

Left-Handed Circular Polarizer

Physical & Mechanical Properties

Diameter (mm):

50.00

Thickness (mm):

2.00 ±0.10

Dimensional Tolerance (mm):

±0.20

Laminated Glass Polarizing Film		Construction:
Optical Properties		
Uncoated		Coating:
Polymer Film CP42HE Laminated Between Glass		Substrate: ☐
Transmission (%):		
42 ±2		
Wavelength Range (nm):		
400 - 700		
Polarization Efficiency (%):		
>99.90		
Environmental & Durability Factors		
Operating Temperature (°C):		
-40 to +80		
Regulatory Compliance		
RoHS 2015:		
Compliant		
Certificate of Conformance:		
View		
Reach 235:		
Compliant		

Custom

Edmund Optics offers comprehensive custom manufacturing services for optical and imaging components tailored to your specific application requirements. Whether in the prototyping phase or preparing for full-scale production, we provide flexible solutions to meet your needs. Our experienced engineers are here to assist—from concept to completion.

Our capabilities include:

- Custom dimensions, materials, coatings, and more
- High-precision surface quality and flatness
- Tight tolerances and complex geometries
- Scalable production—from prototype to volume

Learn more about our [custom manufacturing capabilities](#) or submit an inquiry [here](#).

Product Details

- Uncoated and Visible AR Coated Options
- Left-Hand Circular Polarization
- Increased Durability in Machine Vision Applications

Glass Circular Polarizers (CP42HE) are designed for reducing surface reflection and glare, making them ideal for a variety of imaging applications. These circular polarizers feature a linear sheet polarizer and quarter-wave retarder laminated between two optical-grade glass windows. The window substrates provide increased rigidity and durability in industrial applications. An anti-reflection (AR) coating option provides increased transmission of visible light from 425 – 700nm. Glass Circular Polarizers (CP42HE) provide a left-handed polarization direction. Example imaging applications include machine vision, digital image processing, and photography.

Technical Information

