

[See all 23 Products in Family](#)

## 50.8mm Dia. Left-Handed Plastic Circular Polarizer (CP42HE)



Stock **#88-100** **4 In Stock**

- 1 + C\$95<sup>.20</sup>

**ADD TO CART**

### Volume Pricing

|            |                               |
|------------|-------------------------------|
| Qty 1-5    | C\$95.20 each                 |
| Qty 6-25   | C\$76.58 each                 |
| Need More? | <a href="#">Request Quote</a> |

### Product Downloads

### General

Left-Handed Circular Polarizer **Type:**

### Physical & Mechanical Properties

50.80 +0.0/-0.5 **Diameter (mm):**

2.29 ±0.24 **Thickness (mm):**

Circular Plastic (PMMA) Circular Polarizers **Construction:**

## Optical Properties

[CP42HE on PMMA](#)

Substrate:

42

Transmission (%):

400 - 700

Wavelength Range (nm):

>99.90

Polarization Efficiency (%):

## Environmental & Durability Factors

-40 to +80

Operating Temperature (°C):

80 x 500

Heat Resistance (°C x Hours):

## Regulatory Compliance

[Compliant](#)

RoHS 2015:

[View](#)

Certificate of Conformance:

[Compliant](#)

Reach 235:

## Product Details

- Greater than 42% Transmission
- Available with Film or Plastic Substrate
- Right-Handed or Left-Handed Designs Available

Circular Polarizers (CP42HE and CP42HER) are ideal for reducing glare in a variety of imaging applications or for increasing the visibility of displays in bright environments. These circular polarizers feature excellent transmission of visible light from 400 – 700nm. The plastic substrate offers increased durability, while the film substrate offers increased flexibility and can be cut to fit an application's needs. Circular Polarizers (CP42HE and CP42HER) have Left-handed (CP42HE) and right-handed (CP42HER) polarization directions available. The best performance will be achieved at 560nm and polarization may become more elliptical the further the deviation from this recommended wavelength.

### Immediate Custom Quotes Available

If you have a need for any round, square, or rectangular size of a Circular Polarizer (CP42HE and CP42HER) in dimensions between 3mm and 600mm, please visit our [Polarizing Film Tool](#). We'll provide an immediate quote, and can deliver the part to your requested size in approximately 3 weeks. A full list of standard manufacturing tolerances and restrictions are listed. For fully customized polymer polarizers to your requirements, visit our [Customized Polymer Polarizers Capabilities](#) page.