

[See all 23 Products in Family](#)

## 25mm Dia. Left-Handed Plastic Circular Polarizer (CP42HE)



Stock **#88-097** **20+ In Stock**

- 1 + **\$52<sup>.85</sup>**

**ADD TO CART**

Volume Pricing	
Qty 1-5	<b>\$52.85</b> each
Qty 6-25	<b>\$45.08</b> each
Need More?	<a href="#">Request Quote</a>

### Product Downloads

#### General

Left-Handed Circular Polarizer **Type:**

#### Physical & Mechanical Properties

25.00 +0.0/-0.3 **Diameter (mm):**

2.29 ±0.24 **Thickness (mm):**

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

## Optical Properties

<a href="#">CP42HE on PMMA</a>	Substrate: <input type="checkbox"/>
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

<a href="#">Compliant</a>	RoHS 2015:
<a href="#">View</a>	Certificate of Conformance:
<a href="#">Compliant</a>	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.