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



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

⊖ 1 ⊕ £30<sup>00</sup>

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### Volume Pricing

Qty 1-5	£30.20 each
Qty 6-25	£25.76 each
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**i** Prices shown are exclusive of VAT/local taxes

### 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):**

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

## 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.