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## 12.5mm Dia. Left-Handed Plastic Circular Polarizer (CP42HE)



Stock **#88-095** **20+ In Stock**

- 1 + MRP ₹2,572

**i** Price inclusive of all taxes

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Volume Pricing	
Qty 1-5	₹2,572 each
Qty 6-25	₹2,129 each
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### Product Downloads

#### General

Left-Handed Circular Polarizer **Type:**

#### Physical & Mechanical Properties

12.50 +0.0/-0.3 **Diameter (mm):**

2.29 ±0.24 **Thickness (mm):**

**Construction:**

## Optical Properties

CP42HE on PMMA

Substrate: 

42

Transmission (%):

400 - 700

Wavelength Range (nm):

&gt;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:

Japan

Country of Origin:

Imported By:

Edmund Optics India Private Limited  
267, Greystone Building, Second Floor,  
6th Cross Rd, Binnamangala,  
Stage 1, Indiranagar, Bengaluru,  
Karnataka, India 560038  
Phone: +91-80-6845 0000

## 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.