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## 11" x 11", 0.085" FL, Lenticular Array



Stock **#43-028** **9 In Stock**

- 1 + £116.<sup>00</sup>

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Volume Pricing	
Qty 1-10	£116.00 each
Qty 11-49	£104.80 each
Need More?	<a href="#">Request Quote</a>

**i** Prices shown are exclusive of VAT/local taxes

### Product Downloads

#### General

Type:  
Lens Array

Number of Lenses:  
64 per 25.4mm

#### Physical & Mechanical Properties

Center Thickness CT (inches):  
0.09

2.20	<b>Center Thickness CT (mm):</b>
±0.05	<b>Dimensional Tolerance (inches):</b>
11 x 11	<b>Dimensions (inches):</b>
279.4 x 279.4	<b>Dimensions (mm):</b>
11 x 11	<b>Effective Size (inches):</b>
±40	<b>Thickness Tolerance (%):</b>
±0.88	<b>Thickness Tolerance (mm):</b>

### Optical Properties

2.16	<b>Effective Focal Length EFL (mm):</b>
Acrylic	<b>Substrate:</b> <input type="checkbox"/>
Uncoated	<b>Coating:</b>
400 - 1100	<b>Wavelength Range (nm):</b>
0.09	<b>Effective Focal Length EFL (inches):</b>
1.49	<b>Index of Refraction (n<sub>d</sub>):</b>

### Environmental & Durability Factors

80 (Maximum)	<b>Operating Temperature (°C):</b>
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### Regulatory Compliance

<a href="#">Compliant</a>	<b>RoHS 2015:</b>
<a href="#">View</a>	<b>Certificate of Conformance:</b>
<a href="#">Compliant</a>	<b>Reach 242:</b>

## Product Details

- Arrays of Conventional Cylinder Lenses
  - Used as High-Efficiency Diffusers
  - Cylindrical Axis of Lenslet is Aligned Along the First Dimension
- Lenticular Arrays consist of an array of conventional cylindrical lenses which efficiently divide, focus, and diffuse light rays. The focal length of each cylindrical lenslet is typically 3 to 5 times its width and its axis is aligned along the first dimension specified under array dimensions. Lenticular Arrays are ideal for use as high-efficiency diffusers within short working distances, projection screens and stereoscopic (3D) photography.

## Technical Information



