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12" x 12", 0.010" FL, Lenticular Array



Stock **#43-029** **6 In Stock**

₹10,276

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Qty 1-10	₹10,276 each
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General

Type:
Lens Array

Number of Lenses:
142 per 25.4mm

Physical & Mechanical Properties

Center Thickness CT (inches):
0.06

Center Thickness CT (mm):
1.50

±0.05 **Dimensional Tolerance (inches):**

12 x 12 **Dimensions (inches):**

304.8 x 304.8 **Dimensions (mm):**

12 x 12 **Effective Size (inches):**

±40 **Thickness Tolerance (%):**

±0.6 **Thickness Tolerance (mm):**

Optical Properties

0.25 **Effective Focal Length EFL (mm):**

Acrylic **Substrate:**

Uncoated **Coating:**

400 - 1100 **Wavelength Range (nm):**

0.01 **Effective Focal Length EFL (inches):**

1.49 **Index of Refraction (n_d):**

Environmental & Durability Factors

80 (Maximum) **Operating Temperature (°C):**

Regulatory Compliance

RoHS 2015:
Compliant

Certificate of Conformance:
View

Reach 242:
Compliant

United States **Country of Origin:**

Edmund Optics India Private Limited **Imported By:**

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



