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



Stock #43-029 [CONTACT US](#)

C\$203.⁰⁰

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Volume Pricing	
Qty 1-10	C\$203.00 each
Qty 11-49	C\$183.40 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: <input type="checkbox"/>
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):
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Regulatory Compliance

Compliant	RoHS 2015:
View	Certificate of Conformance:
Compliant	Reach 242:

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



