

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



Stock #43-028 9 In Stock

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£116.00

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Volume Pricing	
Qty 1-10	£116.00 each
Qty 11-49	£104.80 each
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 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	Center Thickness CT (mm):
±0.05	Dimensional Tolerance (inches):
11 x 11	Dimensions (inches):
279.4 x 279.4	Dimensions (mm):
11 x 11	Effective Size (inches):
±40	Thickness Tolerance (%):
±0.88	Thickness Tolerance (mm):

Optical Properties

2.16	Effective Focal Length EFL (mm):
Acrylic	Substrate: ☐
Uncoated	Coating:
400 - 1100	Wavelength Range (nm):
0.09	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



