

3.25" x 4.00", 6.0" FL, Cylinder Fresnel Lens



Cylinder Fresnel Lenses

Stock **#46-114** **6 In Stock**

⊖ 1 ⊕ A\$112⁰⁰

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Volume Pricing

Qty 1-10	A\$112.80 each
Qty 11-49	A\$100.80 each
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General

Fresnel Lens **Type:**

Physical & Mechanical Properties

0.06 **Center Thickness CT (inches):**

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

Dimensions (inches):

3.25 x 4.0

Dimensions (mm):

82.55 x 101.6

Effective Size (inches):

3.0 x 4.0

Thickness Tolerance (inches):

±0.020

Optical Properties

Effective Focal Length EFL (mm):

152.40

Substrate:

Acrylic

Coating:

Uncoated

Wavelength Range (nm):

400 - 1100

Effective Focal Length EFL (inches):

6.00

Groove Density (grooves/inch):

65.00

Index of Refraction (n_d):

1.49

Transmission (%):

85 (Typical)

Environmental & Durability Factors

Operating Temperature (°C):

80 (Maximum)

Regulatory Compliance

RoHS 2015:

[Compliant](#)

Certificate of Conformance:

[View](#)

Reach 242:

[Compliant](#)

Product Details

- Collapsed Version of a Standard Cylinder Lens
- Ideal for Focusing One Dimension
- Various Sizes Available

Technical Information

