

1.00" x 11.9", 0.75" FL, Cylinder Fresnel Lens



Cylinder Fresnel Lenses

Stock #46-110 **20+ In Stock**

⊖ 1 ⊕ A\$100⁰⁰

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Volume Pricing	
Qty 1-10	A\$100.80 each
Qty 11-49	A\$91.20 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):

1.0 x 11.9

Dimensions (mm):

25.4 x 302.26

Effective Size (inches):

0.75 x 11.9

Thickness Tolerance (inches):

±0.020

Optical Properties

Effective Focal Length EFL (mm):

19.05

Substrate:

Acrylic

Coating:

Uncoated

Wavelength Range (nm):

400 - 1100

Effective Focal Length EFL (inches):

0.75

Groove Density (grooves/inch):

200.00

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

