

3.25" x 4.00", 3.0" FL, Cylinder Fresnel Lens



Cylinder Fresnel Lenses

Stock #46-113 **12 In Stock**

⊖ 1 ⊕ €70⁵⁰

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Volume Pricing	
Qty 1-10	€70,50 each
Qty 11-49	€63,00 each
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ⓘ Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Fresnel Lens **Type:**

Physical & Mechanical Properties

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

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

3.25 x 4.0 **Dimensions (inches):**

82.55 x 101.6 **Dimensions (mm):**

3.0 x 4.0 **Effective Size (inches):**

±0.020 **Thickness Tolerance (inches):**

Optical Properties

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

Acrylic **Substrate:**

Uncoated **Coating:**

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

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

80.00 **Groove Density (grooves/inch):**

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

85 (Typical) **Transmission (%):**

Environmental & Durability Factors

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

Regulatory Compliance

[Compliant](#) **RoHS 2015:**

[View](#) **Certificate of Conformance:**

[Compliant](#) **Reach 242:**

Product Details

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

Technical Information

