

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



Cylinder Fresnel Lenses

Stock **#46-114** **5 In Stock**

\$98<sup>70</sup>

**ADD TO CART**

### Volume Pricing

Qty 1-10	<b>\$98.70</b> each
Qty 11-49	<b>\$88.20</b> each
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### Product Downloads

#### 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<sub>d</sub>):**

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**

