

## 2.25" x 12.0", 2.0" FL, Cylinder Fresnel Lens



Cylinder Fresnel Lenses

Stock #46-616 **20+ In Stock**

⊖ 1 ⊕ **\$139<sup>00</sup>**

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| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-10       | <b>\$139.30</b> each          |
| Qty 11-49      | <b>\$124.60</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):**

2.25 x 12.00

**Dimensions (mm):**

57.15 x 304.8

**Effective Size (inches):**

2.0 x 12.0

**Thickness Tolerance (inches):**

±0.020

**Optical Properties**

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

50.80

**Substrate:**

Acrylic

**Coating:**

Uncoated

**Wavelength Range (nm):**

400 - 1100

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

2.00

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

200.00

**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**

